THE AMERICAN ASSOCIATION OF BLOOD BANKS aaBB

1991 ANNUAL REPORT

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1991 Annual Report

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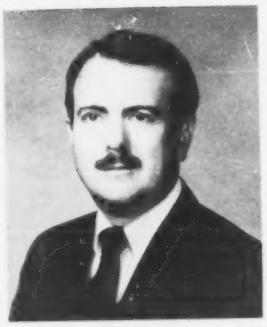
2 About the AABB

Established in 1947, the American Association of Blood Banks is a professional, nonprofit, scientific and administrative association for individuals and institutions engaged in the many facets of blood banking and transfusion medicine. It is the only organization devoted exclusively to blood banking and blood transfusion services. AABB member facilities are responsible for collecting virtually all of the nation's blood supply and transfusing more than 80% of the blood used for patient care in the United States. More than 2400 institutions (community, regional and Red Cross blood centers, and hospital blood banks and hospital transfusion services) and 8800 individuals are members of the AABB, including physicians, scientists, medical technologists, administrators, donor recruiters, nurses and public-spirited citizens working with blood bankers. Members are located in all 50 states and 40 foreign countries. The AABB's active membership gives direction to the Association through its elected Board of Directors and more than 40 committees of volunteer professionals.

The mission of the AABB is to provide leadership in blood procurement, processing, distribution and all aspects of transfusion medicine and related fields in order to promote the highest standards of care and service to patients, donors, other health-care professionals and the general public.

AABB President Donald Doddridge, MA, MT(ASCP), represented the Association at a White House reception hosted by First Lady Barbara Bush to mark National Organ and Tissue Donor Awareness Week.

President's Report



Donald Doddridge, M.A., MT(ASCP)

In our rapidly changing environment, it is hard to rest upon past accomplishments. However, in recalling the events of 1991, I am pleased that the Association addressed many difficult and critical issues, which helped to further enhance our leadership role in transfusion medicine and blood banking. The volunteers and staff continue to provide myriad activities and educational opportunities, which are highlighted in this Annual Report.

Early in my year as president, our members became major suppliers of blood to supplement the Armed Services Blood Program, during the war in the Persian Gulf. There was an immediate outpouring of support from our blood center members and the staff at the National Blood Exchange did a superb job in coordinating this effort.

During the year, the AABB responded to the public debate over blood supply safety and resource-sharing practices, which were highlighted in a series of Congressional hearings chaired by Rep. John Dingell (D-MI). While the hearings identified issues that we need to address, they failed to recognize the vast majority of those in our profession who are doing a quality job in meeting the blood needs of their community and, through resource sharing, the critical needs in other communities. Through the efforts of individual members and staff, we responded with a more balanced factual account on these issues.

In early 1991, the AABB Board of Directors hired Joel Solomon, PhD, as the new executive director. He has brought a wealth of knowledge and a fresh outlook to guide the Association into the future. The Association is now several steps closer to relocating the National Office to a new headquarters in Bethesda, MD. This move is scheduled for Spring, 1992.

In response to member concerns about critical issues that have arisen, the Board of Directors formed several new committees that will help us determine our destiny.

- Ad Hoc FDA Liaison Committee—provides a forum for active discussion and interaction with the FDA on topics of mutual concern.
- Technical Quality Assurance Committee—concentrates on ways to develop and enhance quality assurance programs.
- Transfusion Practices Quality Assurance Committee—codifies and promotes guidelines governing the proper use of blood components.
- Ad Hoc Donor History/Interview Process Committee—addresses the standardization of the donor history/interview process.
- Strategic Planning Committee—helps to chart the future direction of our Association, to create a vision of what we want to be and to identify the programs and activities that will accomplish our goals.

Near the close of my year as president, the AABB strengthened its leadership role with the addition of the American Red Cross and its blood service regions as institutional members. This action will enhance the AABB's ability to promote our profession.

This has been an exciting and challenging year at the AABB. In retrospect, I am grateful for the support and dedication provided by the Board, staff and, most of all, the volunteer members who are the backbone of the Association.

4 Executive Director's Report

Joel Solomon, PhD

This year was an eventful year for me personally, as it marked the end of my government service and the opening of a new career. I have very much enjoyed the new challenges and am grateful to the staff, the Board and a host of members for their encouragement and assistance. I am particularly indebted to Don Doddridge for making my transition so pleasant and for his unwavering support throughout the year.

Executive Office

Joan Smith expanded her duties during the year to undertake a whole new dimension of trust. With the approval of the Board, she outlined charges for the new Strategic Planning Committee and interviewed and recommended an outside facilitator consultant. Cynthia Kelly, general counsel, and a staff of three monitored state and federal government activity. They were instrumental in the dismissal of AABB as a defendant in a lawsuit and provided information to the membership on reimbursement issues and proposals issuing from Congress and the Health Care Financing Administration. Marcia Lane, director of public relations, has been responsible for improving the image of blood banking and enhancing the visibility of AABB in the print and electronic media. With the aid of a large public relations firm in Washington, she has also been successful in getting favorable press coverage of our efforts in Desert Shield/Storm, the Gallup public opinion survey and each of the crises we faced during the year.

Division of Technical Affairs

Kay McCurdy, chief technical officer, joined us in April and brought with her not only a wealth of knowledge about the FDA and the Red Cross, but also intuition for important trends likely to affect our Association. As our director of regulatory affairs, Jean Otter established a service that provides guidance to those who were recently visited by regulatory agents or who wish insight into the changing regulatory environment in order to maintain regulatory compliance. Jean and Kay also assembled our new AABB *Regulatory Resource Manual*, a valuable resource to all members. Deanna Hines, in addition to staffing over half a dozen committees, assumed responsibility for the many surveys that enhance our knowledge of membership needs and wishes. She also continued to apply her many years of hospital/patient experience in responding to technical questions from the membership.

Division of Programs

Jo Ann Hoffman, chief operating officer, successfully managed efforts in publications, meeting services and education through bright, talented and responsive people in their respective departments. Laurie Munk directed the efforts of a staff of 10 engaged in AABB's publishing effort. The staff expanded *News Briefs*, redesigned *Blood Bank Week* and streamlined many administrative aspects of *Transfusion*.

Laurie's staff also produced over 21 books last year. Pam Jensen, who joined us in July as director of meeting services, immediately found herself dealing not only with the completion of arrangements for our enormously successful meeting in Baltimore, but also with a crisis of having to change the 1992 Annual Meeting location. In addition, Pam and her team of four arranged three Board meetings, approximately 75 committee meetings, several conferences and the CEO retreat. This year we welcomed Helen Bishop, from the American Society of Microbiology, as our new director of education. Helen's group produced six teleconferences, one video conference, over 60 Annual Meeting workshops and several special workshops and conferences last year.

Division of Finance/Administration

Bruce Fuller, chief financial officer, and his staff did a magnificent job this year despite the financial downturn that plagues much of our economy. Not only did we complete our fiscal year without mishap, thanks in part to the Mike Koon's very efficient accounting department, but there were also some bright spots. Through the efforts of the membership/marketing department headed by Robin Grossfeld, the association experienced a net growth of 334 members. The National Blood Exchange, under the direction of Barbara Young, experienced an 8% increase in transactions helped in part by the increased activity early in the year related to Desert Shield/Storm. Barbara's staff also assisted the Inspection and Accreditation Committee in the review and management of the documentation for over 1150 inspections. Sally Guintu, manager of management information systems, completed the installation of our now fully networked system, while enduring the problems that inevitably accompany massive organizational change. I am deeply appreciative of our office manager, Richard Klimkiewicz, and his staff, who kept the office and its telephones, fax machines and copiers in operating condition without missing a beat. To Nicole Porter, our director of human resources, the AABB is grateful for a complete revision of our operating policies, for investigations of the best retirement and health insurance programs and for assistance in hiring the wonderful staff that makes my job so rewarding.

Conclusion

As we enter 1992, the AABB staff looks forward to assisting the Board in improving communications with all facets of our membership, to establishing closer ties to our new Red Cross members and to enhancing our involvement with the transplantation community.

6 Professional Development

Membership

Association membership continued to grow in 1991. During the year, 1179 new members joined the AABB, bringing total membership to a record high of 11,288.

Individual membership increased to 8881, the largest number of individual members in AABB's history. Individual AABB members included 2163 physicians, 88 resident physicians, 6399 nonphysicians, eight life members, 222 emeritus members and one honorary member.

Institutional membership for 1991 grew to 2407. AABB's institutional members included 158 community blood centers, 647 hospital blood banks, 1577 hospital transfusion services, six associate institutional members and 19 international institutional members.

Elections

A new Board of Directors was chosen at the 44th Annual Business Meeting in Baltimore, MD, on November 12. E. Shannon Cooper, MD, JD, named president-elect in 1990, assumed the office of president. Arthur J. Silvergleid, MD, was chosen president-elect and will assume the office of president at the 45th AABB Annual Meeting in San Francisco, CA, in November 1992. Other officers elected to the executive committee were: Charles H. Wallas, MD, Nashville, TN, vice president; Roger K. Svoboda, MBA, MS, MT(ASCP)SBB, San Francisco, CA, secretary; and Bobby A. Grigsby, CPA, MBA, Houston, TX, treasurer. Donald D. Doddridge became immediate past president.

Elected as district directors were: Paul M. Ness, MD, Baltimore, MD, Northeast District Director; Dennis M. Smith, Jr., MD, Jacksonville, FL, Southeast District Director; Allan Ross, MBA, MT(ASCP), Tacoma, WA, Pacific District Director. John L. Drury, Houston, TX was re-elected as Administrative Section Representative at the ASCC Business Meeting.

Also on the AABB Board of Directors, but not subject to re-election in 1991, are: Robert L. Travis, MT(ASCP)SBB, Newark, DE, Northeast District Director; Barbara Zimmerman, MT(ASCP)SBB, Greenville, SC, Southeast District Director; Jay E. Menitove, MD, Cincinnati, OH, North Central District Director; W. John Judd, FIMLS, MIBiol, Ann Arbor, MI, North Central District Director; Estre Culotta, MHS, MT(ASCP)SBB, New Orleans, LA, South Central District Director; Margie B. Peschel, MD, Fort Worth, TX, South Central District Director; Jerry Kolins, MD, Escondido, CA, Pacific District Director; Susan L. Wilkinson, EdD, MS, MT(ASCP)SBB, Cincinnati, OH, Scientific Section Representative.

Donald Doddridge, MA, MT(ASCP), passes the AABB President's plaque and gavel to E. Shannon Cooper, MD, JD, at the 44th Annual Meeting banquet.

Awards

Each year at the Annual Meeting, the AABB presents Memorial Awards to individuals for their scientific discoveries and outstanding service in the field of blood banking and transfusion medicine.

Paul Terasaki, PhD, received the 1991 Karl Landsteiner Memorial Award for over 35 years of imaginative and productive work in the field of HLA typing and histocompatibility testing; for his continuing study of the relationship between HLA compatibility and kidney graft survival; for his part in the elucidation of the beneficial effect of blood transfusion on renal graft survival; for his establishment of the kidney transplant registry and for its use as a national and international database for ongoing evaluation of kidney transplantation; and for his continuing role in advancing the field of histocompatibility from a research endeavor to a major clinical service.

The John Elliott Memorial Award was presented to Hayle Randolph for his service to the blood banking community for over 37 years as laboratory supervisor, system executive and statesman; for his skills in bringing differing factions together in various settings; and for his uncommon dedication and wisdom.

Peter D. Issitt, PhD, FIMLS, FIBiol, FRCPath, received the Morten Grove-Rasmussen Memorial Award for his over 30 years of productive research in blood group serology and genetics; for the discovery of at least seven new blood group antigens; for his many publications including the standard reference text, *Applied Blood Group Serology*; for his many well-crafted reviews that have helped blood bankers understand complex serologic interactions; and for his numerous contributions to educational programs throughout the world.

The Ivor Dunsford Memorial Award was presented to Susan Moore Steane, MS, MT(ASCP)SBB, for outstanding contributions to the field of transfusion medicine and to the AABB by sharing knowledge and

expertise in technical and scientific subjects; for her leadership role in the development of standards and guidelines for computer-assisted information systems; and for stimulating and fostering in others the desire to achieve excellence.

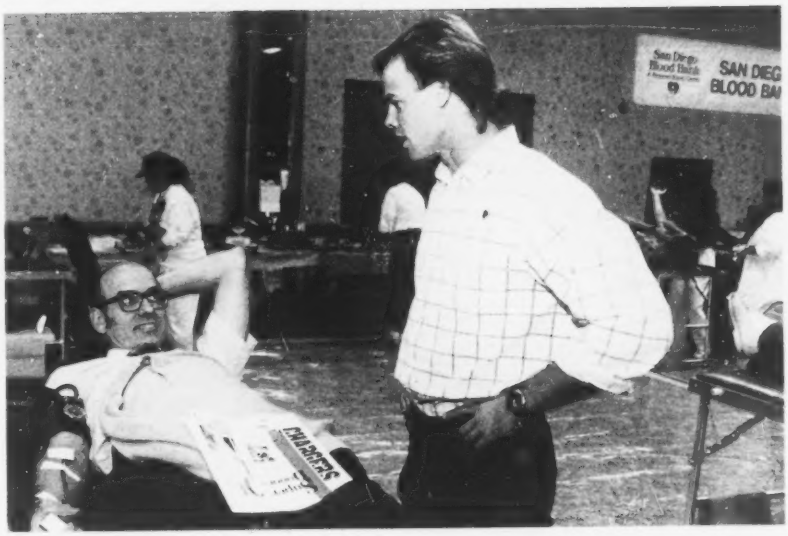
Lawrence D. Petz, MD, the 1991 Emily Cooley Memorial Award recipient, was honored for his research contributions in immunohematology and his commitment to enhancing academic standards in transfusion medicine.

The Chapman-Franzmeier Memorial Award (formerly the Donor Resources Achievement Award) was presented posthumously to Ronald Franzmeier for his outstanding leadership and innovative research in the area of marketing and donor recruitment while serving as vice president of blood services at the Blood Center of Southeastern Wisconsin. The sharing of his expertise and ideas with others has improved donor recruitment at other blood centers. This award was renamed in 1991 to recognize two individuals, Nancy Chapman and Ronald Franzmeier, who were both exceptional leaders in the area of donor recruitment.

The Bernice Hemphill Award (formerly the Outstanding Administrator Award) was presented to Edward O. Carr, MT(ASCP)SBB, for his foresightedness while serving as president of the AABB; for his years of continuous service and dedication to the AABB Clearinghouse (National Blood Exchange); for his leadership of the AABB during the early years of the AIDS crisis; and especially for his service as president and chief executive officer of Central Florida Blood Bank. This award was renamed in 1991 to honor Bernice Hemphill for her commitment and contributions in an administrative role to the AABB and the blood banking profession.

Distinguished Service Awards

Eugene M. Berkman, MD; Louise J. Keating, MD; and Congressman C.W. Bill Young (R-FL) received Distinguished Service Awards. Dr. Berkman was recognized for his leadership role in initiating and coordinating the 1990 ISBT/AABB Joint Congress in Los Angeles, and for his many significant contributions to the discipline of transfusion medicine. Dr. Keating was recognized for her many significant contributions to the educational programs of the AABB and discipline of transfusion medicine. Congressman Young was honored for his pioneering efforts in establishing and funding the National Marrow Donor Program.



John Carney, placekicker for the San Diego Chargers football team, chats with a donor during the Chargers' 13th annual blood drive, which set a new national record of 1400 units drawn at a single-location blood donor event.

Awards of Merit

At the 1991 AABB Annual Meeting, the AABB was privileged in honoring one individual and five organizations with Awards of Merit for their significant contributions to blood banking on a local level.

The San Diego Chargers received an Award of Merit in the group category. Their annual San Diego Chargers Blood Drive, held just prior to the holiday season, is the largest single-location, eight-hour drive in the United States. To date, more than 12,000 donations have been made at the Chargers' blood drives. They were nominated by the San Diego Blood Bank.

Plano Senior High School, Plano, TX, was honored with an Award of Merit in the educational category. Since 1979 when the school first hosted a blood drive, Plano Senior High School students have donated an impressive 5449 pints of blood and have activated support within the community for a variety of other blood awareness projects. They were nominated by the Blood Center at Wadley.

Simon Obwald of Sacramento, CA, received the Award of Merit in the individual category. Dedicated, caring and committed, Obwald has been a regular blood donor for 49 years. Obwald gives of his time as well, volunteering to serve refreshments to donors and participate in the promotional activities of the Sacramento Medical Foundation Blood Center.

Times Publishing Company's *Morning News*, Erie, PA, was honored with an Award of Merit in the newspaper category. Since the fall of 1989, Times Publishing Company's *Morning News* has featured a donor or two every week in the local section of the newspaper. The *Morning News* also runs regular features to decrease the public's fear of AIDS and to explain the simplicity and importance of giving blood. These generous con-

tributions of positive publicity are considered invaluable to the Community Blood Bank of Erie County.

KATT Rock 100-FM Radio, Oklahoma City, OK, received an Award of Merit in the radio category. In addition to KATT's successful annual blood drive, the station also participates in community awareness and service programs. They have covered the Oklahoma Blood Institute's annual press conferences, provided annual health fair booth space and reported periodic news concerning current blood banking issues. Their National Volunteer Blood Donor Month coverage and production of public service announcements have resulted in continued increases in January donations. In addition to community awareness and service, KATT staff members have served on OBI's media advisory committee.

KFSN Channel 30, the ABC affiliate in Fresno, CA, was honored with an Award of Merit in the television category. The station covers local and national releases relating to blood and targets the topics to the local blood bank. The station frequently provides in-depth coverage through their "Closer Look" news segments, addressing specific issues related to blood and blood donation. In addition to their educational efforts, Channel 30 sponsors an annual Blood Drive Telethon, regularly generating more than 2500 donors in a 10-day period. They were nominated by the Central California Blood Bank.

Presidential Award

The Presidential Awards are given annually to recognize those organizations and individuals who promote and support voluntary blood donations nationwide. The 1991 Presidential Award recipient was the Johnson & Johnson Family of Companies, headquartered in New Brunswick, NJ. Johnson & Johnson was honored for consistently outstanding support of voluntary blood donations across the country. The Johnson & Johnson Family of Companies was nominated by the following blood centers: New York Blood Center, New York, NY; Carter Blood Center, Fort Worth, TX; Hoxworth Blood Center, Cincinnati, OH; and the Florida-Georgia Blood Alliance, Jacksonville, FL.

Scholarship Awards

Three outstanding Specialist in Blood Banking (SBB) students were selected this year to receive scholarship awards. These awards, intended to encourage and assist with educational pursuits in the field of immunohematology, have been generously sponsored by the Fenwal Division of Baxter Healthcare Corporation for 23 years. The following students were presented scholarships for their award-winning essays: Gregg Boothe, MT(ASCP)SBB, Hoxworth Blood Center; Elizabeth Sorenson, MT(ASCP)SBB, Johns Hopkins Hospital Blood Bank; and Hoi-May Wong, MT(ASCP)SBB, National Institutes of Health, Bethesda, MD.

Blood Donor Phlebotomist Certificate Program

The AABB initiated a new program this year to train blood donor phlebotomists. Developed by the Nursing and Donor Room Personnel Committee, the program of standardized nationwide training responds to requests from blood bank administrators and from phlebotomists themselves.

Individuals selected by their blood collection establishments attend a training workshop to become "AABB-approved instructors." These instructors return to their facilities to train phlebotomists so that they are able to complete the AABB program. Phlebotomist candidates are provided with a manual prepared by the Committee, are observed on the job by their facility's instructor and are required to pass a written examination. Phlebotomists who successfully complete the program receive a certificate and are listed with the AABB National Office.

Certification

The AABB is actively involved in encouraging and providing the means for the education of new blood bank professionals. To do so, it offers certification through its Technologist in Blood Banking (BB) and Specialist in Blood Banking (SBB) designations. In 1991, 85 SBBs (a total of 3871 to date) and 113 BBs (a total of 1791 to date) were certified.

There are 27 facilities in the United States that offer accredited SBB education programs, endorsed by the AABB and the Committee on Allied Health Education and Accreditation of the American Medical Association.

Accreditation

In 1991, 1275 of the 2513 participants in the Inspection and Accreditation (I&A) Program were accredited. Facilities are inspected and accredited every two years. In 1991, 204 inspections were successfully coordinated with the College of American Pathologists (CAP).

Policies

During the year, the AABB provided information and guidance to Association members on issues facing blood banks and transfusion services.

Donor Status of Military Personnel Returning From the Persian Gulf

On April 3 the AABB, Council of Community Blood Centers (CCBC) and the American Red Cross (ARC) issued a joint statement regarding the donor eligibility of personnel who had served in Operation Desert Shield/Storm. The returning personnel were to be deferred from routine blood donation for 60 days after their date of departure from the Persian Gulf theater of operations.

On November 12 the AABB modified this deferral policy to provide for exclusion of personnel returning from the Persian Gulf area until January 1, 1993, due to concerns about a possible risk of transmission of the *Leishmania tropica* parasite by blood transfusion. Seven members of the US Armed Services who participated

in Operation Desert Storm were found to have visceral disease due to *L. tropica*. The incidence of this parasite is rare, and no cases of transfusion-transmitted *L. tropica* have been reported. There are, however, five known cases transfusion-associated *L. donovani* infection (kala-azar). The AABB interim guidelines were adopted as a precautionary measure, extending the deferral period for returning personnel until additional data are available.

Resource Sharing

On May 1 the AABB issued a position statement on resource sharing as an outgrowth of its members' commitment to meeting the nation's blood needs through altruistic blood donations. This voluntary code of conduct serves as a statement of mutual understanding of proper and ethical practice in resource sharing.

Prenatal/Perinatal Testing

AABB Technical Bulletin 91-1, Prenatal/Perinatal Testing, was issued on May 8, 1991. The testing recommendations, compiled from a report of the Scientific Section Coordinating Committee, provided guidance on laboratory testing of obstetrical patients and neonates, and on indications and dosage for Rh immune globulin.

Yersinia enterocolitica

On May 9, the Blood Products Advisory Committee (BPAC) of the Food and Drug Administration (FDA) reviewed data relating to *Yersinia enterocolitica* contamination of Red Blood Cells. The AABB had recommended the data collection to the FDA in January 1991 as a means of determining the potential effect of reducing the dating period of whole blood/red cell components. After considering information presented by AABB representatives and others, the BPAC declined to endorse any of the available interventions, citing adverse effects on both the safety and the adequacy of the blood supply. The FDA and the BPAC encouraged an emphasis on recognition and management of transfusion-associated bacteremia and endotoxin shock, noting that AABB, ARC and CCBC revised the joint *Circular of Information* in February to heighten awareness.

HIV-2 Screening

An AABB Technical Bulletin of August 14 provided members with updated information on HIV-2 testing, anticipating FDA's licensure of combination enzyme immunoassays (ELISAs) for anti-HIV-1 and anti-HIV-2. The interim AABB guidelines included information about the prevalence of HIV-2 in the United States, confirmatory testing, inventory testing, donor counseling, look-back and geographic exclusions.

At a September 27 meeting of its advisory committee, the FDA announced licensure of the first combination assay. The FDA also stated its intention to recommend that the nation's blood banks begin anti-HIV-2 screening by June 1, 1992, a decision endorsed by the BPAC. In advising that all blood banks implement testing by June 1, the BPAC concurred with the FDA's position that either a licensed combination HIV-1/2 test or two separate tests for detecting antibodies to HIV-1 and HIV-2 could be used. At year's end, the final FDA recommendations had not been issued.

Multi-Reactive ELISA Screening Tests and Flu Vaccine

In December, the AABB alerted its members regarding transient false-reactivity in multiple ELISA screening tests, seen in blood donors who recently had been vaccinated for influenza or other infectious diseases. The donor blood samples were repeatedly reactive with two or three of the anti-HIV-1, anti-HCV and anti-HTLV-I ELISA tests, which have in common the same goat anti-human IgG conjugate. The FDA noted that although the false-positive reactions might pose some inconvenience to blood donors and blood banks, they did not raise a safety issue either for recipients of the influenza vaccine or for blood donors or transfusion recipients.

Standards

AABB *Standards for Blood Banks and Transfusion Services* is the most authoritative source on the practice of blood banking. It is used throughout the world as the primary reference for maintaining and improving the quality, safety and effectiveness of blood component collections, transfusions and transplantations.

This year, the AABB Standards Committee issued the 14th edition of the *Standards*, which became effective November 1, 1991.

At the 44th Annual Business Meeting, delegates voted on five proposed amendments to the bylaws.

10 *Educational Programs*

Annual Meeting

The 1991 Annual Meeting, held November 9-14 in Baltimore, MD, provided attendees (both members and nonmembers) from around the world with the most successful blood banking educational event of the year. More than 7500 attendees participated in this Annual Meeting. Planning for the meeting began two years prior to the meeting and was carried out by many volunteers. Selflessly giving their time and talent, these volunteers planned and conducted the workshops, forums, symposia and abstract presentations.

Over 4000 individuals attended 40 scientific workshops addressing such topics as "Blood Groups: P, I, Sd^a and Pr," "Transfusion Practice in Cardiac Surgery," "Transfusion Therapy: A Practical Approach," "Improving Transfusion Practice for Pediatric Patients," "Apheresis and Humoral Immunotherapy" and "Apheresis in Cellular Immunotherapy and Stem Cell Collection." In addition to the workshops, a Scientific Short Program entitled "Stem Cells" was offered.

Administrative sessions covered such diverse topics as "Personal Recharging: A Program for Preventing Burnout," "Getting Exposure Without Getting Exposed," "Regulations and Accreditation: Surviving Inspections" and "Eagle Academy: Secrets of Top Achievers." Due to their huge success at last year's Joint Congress, three Short Topics covering "Managing SOPs," "Interactive Communication on the Front Line" and "Non-Credentialed Employees" were an important part of the 1991 meeting.

Several forums were held to address the interests of specialties within blood banking and transfusion medicine. These forums appealed to donor recruiters, public relations practitioners, donor room personnel, nurses, hospital chief technologists, parentage testing specialists, technical directors, CEOs and computer users.

A total of 250 scientific oral and poster presentations were given from abstracts reviewed by the Selection of Abstracts Committee and over 90 volunteer reviewers. The 68 administrative oral and poster presentations were reviewed by the Administrative Program Committee.

Once again, the eight Research and Progress Sessions (RAPS) were very popular, as were the Annual Seminar, the National Affairs Symposium and the W. Quinn Jordan Memorial Lecture.

As always, the Annual Meeting exhibit was a popular event for attendees. A total of 424 exhibit booths, representing 198 companies, were available for viewing by all attendees.

Conferences

Teleconferences

The first of six teleconference programs held in 1991 was titled "Specific Quality Assurance Monitors for Blood Banks and Transfusion Services." Held on February 27, the conference was attended by 1213 persons at 102 participating sites. "Current Issues in Computerization" was the topic for both the April 10 and May 15 teleconferences. In April, 936 attendees at 97 site locations received valuable information on the computer issues relating to blood centers. May's program, with 1139 attendees and 105 site locations, focused on the topic of computerization relative to transfusion services. June 19 was the date of the next teleconference program, "Platelet Transfusions: Special Considerations," reaching an audience of 1113 attendees at 110 sites. The highest attendance at a teleconference for the year took place on October 2—1468 attendees at 113 site locations. This teleconference, "Changes in the AABB *Standards*: 14th Edition," provided useful insight into highlights of the newly released edition.

Video Conference

The AABB successfully presented its first video conference on March 11. "Special Serologic Techniques" was

Technical/scientific workshops at the 1991 Annual Meeting averaged 109 participants per session; administrative workshops averaged 151 attendees per session.

broadcast live via satellite to 52 sites across the United States. This new educational format allowed actual serologic techniques to be demonstrated and observed by the 656 participants, supplementing the speaker presentation discussion by attendees at the various site locations.

National Conference

"Against All Odds—Succeeding in the 90s" offered up-to-date information for donor recruitment and community relations professionals on a variety of current issues. The conference was held on February 7-8 in Arlington, VA, for 128 participants.

Special Presentations

The year began with a special workshop, "Advanced Immunohematology Review," held in Los Angeles, CA, and in Arlington, VA. Over 175 participants attended the January 25-26 programs. On March 22-24, the "Fourth Joint Immunohematology Reference Laboratory Conference" was held in Herndon, VA. The conference, which drew 137 registrants, was cosponsored by the American Red Cross. The third program of the year focused on "Decision Making in the Face of Uncertainty." Forty participants met in Tucson, AZ, on May 22-24 for this executive management retreat.

Publications

Books

In 1991, the AABB published new references on a number of topics, including: cellular and humoral immunotherapy and apheresis; P, I, Sd^a and Pr blood groups; transfusion practice for pediatric patients; a practical approach to transfusion therapy; transfusion practice in cardiac surgery; and clinical and basic science aspects of immunohematology. In addition, the 14th edition of *Standards for Blood Banks and Transfusion Services, Parentage Testing Accreditation Requirements Manual, 1991 Directory of Community Blood Centers, 1990-91 Membership Directory,*

The AABB Center in the Annual Meeting Exhibit Hall provides information on membership, programs and publications.

Perioperative Autologous Transfusion and a third edition of *Collected Questions and Answers* were also produced. *Circular of Information for the Use of Human Blood and Blood Components, Blood Transfusion Therapy Data Card, Out-of-Hospital Transfusions, Questions and Answers About Blood and Blood Banking* and *Blood Transfusion Therapy Audiovisual Program* were revised.

Transfusion

The AABB's scholarly journal, *Transfusion*, continued to take steps in its evolution. The editors, the editorial board and the journal's National Office staff have instituted processing of accepted manuscripts on disk, placement of announcements on a calendar page, transition to reporting values in the SI (Système International) unit system, initiation of an abbreviations list for each article and implementation of a mailing system for the journal that eliminated the plastic overwrap. The continued evolution of the journal *Transfusion* has maintained AABB's position as the world's foremost publisher of new information regarding transfusion medicine.

Newsletters

News Briefs, the membership newsletter, continued its information expansion begun in 1990 with the inclusion of two new columns. "CEO Update" highlighted the executive director's views of and goals for the Association, while "Regulatory Affairs" assisted members with understanding the workings of the FDA. *News Briefs* also provided an invaluable service in 1991 by publishing special inserts soliciting member comment on such important matters as the uniform donor history questionnaire, proposed changes to the *Standards* and changes to the AABB Bylaws. In addition to seeking input from the membership, *News Briefs* also served as a vehicle for disseminating important information to the members such as announcements of conferences, publication of practice guidelines and articles on important events and developments in our ever-changing field. *News Briefs* remains the primary means of informing members of Association news.

Blood Bank Week began 1991 with a new look to improve readability and project a more professional image. Throughout the year, *Blood Bank Week* was the most reliable source of current information on blood banking and transfusion medicine available to the blood banking community. The weekly publication provided detailed coverage of legislative, scientific, legal, administrative and regulatory issues targeted toward the modern, competitive blood bank. During 1991, *Blood Bank Week* documented the extensive Congressional hearings on blood banking practices and followed the changes that occurred in the FDA under a new administrator. *Blood Bank Week* also kept its readership informed during the step-by-step approval process for and implementation of the new blood screening test for hepatitis C virus and brought readers the latest information on other issues affecting the future of blood banking.

Six specialty newsletters generated by AABB committees were also updated in 1991: *Collection Connection*, *News and Views*, *Inspector's Quarterly*, *Scientific Section News*, *Administrative Notes* and *SBB Program Newsletter*. The redesign of all six newsletters gave them a more professional and readable appearance and provided a unified format.

During the 1991 Annual Meeting, the AABB published its own convention newspaper. Written solely by AABB staff, the editorial content reached new levels of quality that enriched the Annual Meeting experience for attendees. The newspaper, *Annual Meeting News*, featured reports on sessions, announcements of upcoming meeting events and essential information, such as exhibit hall floor guide and shuttle bus schedules. In addition, it featured expanded coverage of local attractions, with a comprehensive restaurant guide, tour information, a shopping guide and articles on the history of the host city and cultural events.

Transfusion Medicine Education

The Transfusion Practices Committee conducted a national survey of transfusion medicine practices to identify patients at risk for transfusion-associated graft-vs-host disease. A manuscript based on this survey, "Variation in Blood Component Irradiation Practice: Implications for Prevention of Transfusion-Associated Graft-vs-Host Disease," was published in *Blood*. The Transfusion Practices Committee manuscript "Reducing the Risk for Transfusion-Transmitted Cytomegalovirus Infection" was accepted for publication in the *Annals of Internal Medicine*.

The Workload Recording Committee continued to direct time studies on blood bank procedures and to recommend unit values for use in the College of American Pathologists *Workload Recording Manual*. The Committee served as the faculty for the Workload Recording workshop held during the Annual Meeting and completed the second edition of *Fundamentals of Blood Bank Workload Recording*.

The Blood Data Committee analyzed the results of the 1990 Institutional Questionnaire and submitted a manuscript to *Transfusion*.

The Extracorporeal Hemotherapy Committee revised the "Guidelines for Therapeutic Hemapheresis."

The Pediatric Hemotherapy Committee revised the "Pediatric Transfusion Audit Criteria" available from the AABB upon request. A manuscript based on these criteria, "Guidelines for Auditing Pediatric Blood Transfusion Practices," was published in the *American Journal of Diseases of Children*. The Neonatal Practice Survey was completed and the committee will prepare a manuscript based on the results.

The Autologous Transfusion Committee published *Perioperative Autologous Transfusion*, proceedings from a national conference held in May 1990.

The Information Systems Committee document "Guidelines for Preparing Standard Operating Procedures for Blood Bank Computer Systems" was distributed to institutional members in early 1991. This document focused primarily on the responsibilities of software users. In most areas of system installation and management, however, there is an overlap of user and vendor responsibilities. The Committee established a working relationship with representatives of the Health Industry Manufacturers Association (HIMA) to more clearly define the roles of user/vendor for various aspects of development, installation and maintenance of blood bank computer systems. Proposed guidelines for 1) definition of control function, 2) user validation and 3) software development were distributed to institutional members for comment in November 1991.

The Nursing and Donor Room Personnel Committee organized and coordinated two forums and four workshops for nurses and donor room personnel presented at the Annual Meeting. The committee was commended by the Board of Directors for their work in developing the Blood Donor Phlebotomist Certificate Program. They continued to investigate proposals for audiotape programs for first-time donors. The *Collection Connection*, a biannual newsletter for donor room personnel, was published and sent to member institutions and directors of nurses involved in blood banks and transfusion services.

The Scientific Section Coordinating Committee published recommendations for prenatal and perinatal testing as a Technical Bulletin. They also presented a report to the Board of Directors on recombinant Factor VIII.

Community Relations

Donor Recruitment

The AABB continued to develop and improve programs related to the encouragement of blood donations. National Volunteer Blood Donor Month was celebrated in January 1991 with the theme "We Are Counting on You to Care...Give Blood" on posters, and a proclamation was written by President George Bush saluting the generosity of volunteer donors. Ten-gallon donor plaques were awarded to hundreds of donors across the country who have donated 10 or more gallons and were nominated by their blood collection establishments. The National Honor Roll recognized nearly 500 donor groups for outstanding participation in blood drives, as nominated by their blood collectors.

In February, the Donor Resources/Community Relations Committee sponsored a successful conference for donor recruitment and community relations professionals entitled "Against All Odds—Succeeding in the 90s." At the Annual Meeting, AABB sponsored a booth in the exhibit hall exclusively for donor recruiters to share new recruitment ideas, and the Donor Resources/Community Relations Committee planned several forums on topics of interest to donor recruiters and blood center public relations personnel. Also, donor recruiters attended a luncheon at the Annual Meeting in memory of Ronald Franzmeier of the Blood Center of Southeastern Wisconsin.

Public Advisory Groups

In 1991, 29 public advisory group meetings were held at AABB member blood centers to provide grass roots input from donors and patients on the role of the blood center in the community and current issues of interest to the public. The meetings served as an important source of consumer input and as a mechanism for soliciting the advice, counsel and support of donors and patients.

Government and Legal Affairs

Through efforts of the National Office staff, the AABB continued to represent members' interests on Capitol Hill, in the state legislatures and with legal situations. Staff also served as an information source, providing advice and expertise on legislative and legal issues affecting blood banking and transfusion medicine. The *AABB Legislative Bulletin* and Government and Legal Affairs column in *News Briefs* grew as more legal and legislative issues were tackled by the National Office.

Legislative—Congress

The Congressional investigation of blood safety that began in 1990 continued. A May 1991 hearing focused on the business practices and resource sharing of an AABB member.

The investigation was monitored closely by AABB with the assistance of an outside consultant who specializes in "crisis management" on Capitol Hill. The AABB has kept open lines of communications with the Subcommittee investigators and provided guidance to the Subcommittee as it considered legislative initiatives.

Several important issues affecting blood banking and transfusion medicine emerged in legislation on Capitol Hill, including the testing of healthcare workers and patients for HIV, blood safety and broad new enforcement authorities for the FDA. The AABB has communicated the industry position where appropriate. Members were kept informed about developments through the *Legislative Bulletin* and articles in *Blood Bank Week*.

Advocacy campaigns were pursued by the AABB in Congress on Medicare reimbursement for autologous donations, medical liability reform, the medical technologist shortage, transfusion medicine research funding through NHLBI appropriations and volunteer protection. Through participation in select coalitions, the AABB enhanced its impact on key issues and is building its reputation as an important player on Capitol Hill.

Members of the AABB Board of Directors visited with their elected Senators and Representatives in Congress during their April meeting. Other committee volunteers, including the Administrative and Scientific Section Coordinating Committees, also participated in the effort to have AABB members develop contacts for the Association in Congress. Plans for an AABB Legislative Day were realized when busloads of members traveled to Capitol Hill at the end of the Annual Meeting in Baltimore.

Legislative/Regulatory —State

Increased AABB participation in state legislative and regulatory activities continued. Action on many important legislative proposals in the states was taken by AABB or coordinated with members. Key state legislative proposals addressed by the AABB and its members included transfusion consent requirements in Massachusetts and New Jersey, restrictions on the location of blood banks in

The second round of AABB's Public Advisory Group Meetings provided important input on donor motivation, incentives and recognition.

Pennsylvania and attempts to revise the blood shield in Missouri. The AABB *Legislative Bulletin* became a key source for information about state activity affecting blood banking and transfusion medicine.

A "state network" of AABB members ready to respond to state legislative proposals is in operation. Network participants showed great value in their ability to use their local influence to handle state legislative initiatives.

Legal

The National Office attorneys were available to assist members and their lawyers in responding to lawsuits. Reports of legal decisions in *Blood Bank Week* and *News Briefs* have kept members apprised of trends in litigation involving blood.

The Association joined with other blood banking organizations to file *amicus curiae* briefs in several cases on important issues such as donor confidentiality and use of a professional standard of care in judging negligence in transfusion-associated AIDS lawsuits.

National Office attorneys also advised lawyers defending the AABB in transfusion-associated AIDS lawsuits in which the Association is named as a defendant. The outcome of these cases will establish important precedents in any future litigation against the AABB and all standard-setting associations.

All Association activities were reviewed for legal implications by the National Office attorneys. The Washington, DC, law firm of Hogan and Hartson was also retained to serve as local outside legal counsel. Hogan and Hartson is well-known for having many of the country's foremost experts in legal and regulatory matters affecting associations and FDA-regulated industries.

Public Relations

The purpose of the AABB's public relations program is to communicate information to the public and the press about the steps that are in place to ensure a safe and adequate blood supply and the role of AABB member institutions in promoting that safety. In 1991, the AABB public relations program included activities designed to increase media awareness and to educate the public about the general safety of the blood supply and the many issues that faced the industry during the past year.

Posing on the steps of the US Capitol are some of the nearly 80 participants who visited their elected representatives as part of Legislative Day.

Media Relations

An important component of the AABB's public relations program is media relations. During 1991, the AABB received increased press coverage on a variety of issues, including the Persian Gulf War, blood shortages and issues surrounding the series of Congressional hearings about the safety of the blood supply, and was mentioned thousands of times in news media nationwide. Efforts continued by the National Office to strengthen press contacts, to ensure balanced media coverage of blood-related stories and to establish the AABB and its spokespersons as media sources. Corresponding to the increased visibility achieved by the AABB during 1991, two media training sessions were held during the year to enhance the ability of AABB spokespersons on the Board of Directors and in individual blood centers to deal with media at both the na-

tional and local levels. Throughout the year, the AABB also monitored and reported on media coverage of interest to the members.

To complement media relations efforts at the national level, an informal network of public relations directors in AABB blood centers was strengthened. The value of this network was demonstrated on numerous occasions as local media were used along with efforts by the AABB National Office to increase positive press coverage. As a step toward establishing a network of AABB members working to provide a consistent and positive message to the media in their local communities, an information packet was developed and mailed to public relations directors across the country containing guidelines for day-to-day and crisis-oriented communications with the press, and suggestions for the use of print public service announcements (PSAs) and editorials/op-eds/letters-to-the-editor in individual blood center public relations programs.

To ensure that a positive flow of information reached the press, several activities were initiated or maintained in 1991. Press releases on major articles published in *Transfusion* were mailed to the national press on a regular basis. At the AABB Annual Meeting in Baltimore, a series of press briefings were held to promote increased coverage of the meeting on such diverse topics as neonatal blood use, new advances in pediatric transfusion medicine, platelet immunology and bacterial contamination. In addition, the release of an AABB statement on *Leishmania tropica* during the Baltimore meeting generated much press interest. Over 120 members of the press interviewed AABB spokespersons during the Annual Meeting, resulting in hundreds of articles in a number of newspapers and journals and in television and radio coverage across the country.

Public Education Efforts

In order to encourage blood donations, a broadcast PSA on the importance of blood donations featuring former President Ronald Reagan was developed and distributed by satellite to television stations around the country. Public relations directors at AABB member institutions also increased use of the PSA by promoting it to their local media.

Two cartoon public service announcements were donated to the AABB by Bil Keane, creator of the nationally syndicated cartoon "Family Circus." The cartoons, "Blood Counts" and "Make Everybody Your Blood Relative," were sent to magazines around the country in order to promote blood donations.

A video news release was produced in 1991 to help answer questions about the safety and adequacy of the blood supply and the appropriate uses of autologous blood donation, resulting in hundreds of placements by television stations nationwide. In addition, an op-ed explaining the role that blood donors played during the Persian Gulf War was written and distributed to newspapers around the country. Production was completed on a print PSAs designed to communicate the steps that are in place to safeguard the blood supply, "Every American Wants a Safe Blood Supply: Here's What We're Doing About It." The PSA was distributed to magazines and newspapers nationally.

To provide patients requiring blood as part of their medical treatment with information about the blood supply, a poster and accompanying brochure for physicians' waiting rooms were produced. As part of an initial promotion, sample copies of the poster and brochures were sent to individual physicians, hospitals, HMOs and group practices.

Measuring Public Opinion

A fifth public opinion survey on AIDS and the blood supply was conducted for the AABB by the Gallup Organization. A press conference was held at the National Press Club in Washington, DC, to brief major television, print and radio media on the results of the 1991 poll. Claude Lenfant, MD, director of the National Heart, Lung and Blood Institute, attended the press conference to provide commentary on the opinion survey's major findings. The 1991 AABB/Gallup opinion survey demonstrated a relatively high level of confidence in the nation's blood supply, but registered continuing concern about the AIDS epidemic. The poll found that AIDS continued to be the most serious health concern in the minds of the American public, ranking it above two far more widespread health problems, cancer and heart disease. Two-thirds of the respondents felt that the nation's blood supply was safer today than five years ago, up over 20 points from the 1985 poll. In addition, 85 percent of those polled indicated they have confidence in the ability of the nation's blood banks to provide a safe and adequate blood supply. Overall, one in four expressed a fear of contracting AIDS by donating blood. Despite the confidence level expressed in the blood supply by the 1991 respondents, roughly half reported some likelihood that AIDS could be contracted through blood transfusions. Apprehension about the safety of the blood supply was not, however, the number one apprehension expressed about having surgery.

AABB Fax Network

Responding to the membership's interest in receiving reports and information as quickly as possible, the AABB established a rapid communications/Fax system in July 1990. By the fall of 1991, AABB's FaxNet had over 180 subscribers both in the United States and overseas. Subscribers to this rapid communications system received timely information on issues confronting the blood banking community as well as joint statements, FDA memoranda, AABB reports and guidelines, news releases and important articles. The AABB FaxNet service also enhanced participation of subscribers in AABB programs, for when immediate action on the part of the blood banking community was needed, FaxNet subscribers served as a first source for soliciting a response.

16 *Membership Programs*

National Blood Exchange

The National Blood Exchange (NBE) facilitates the exchange of blood, blood components and blood credits between participating blood centers and hospitals in the United States. In Fiscal Year 1991, transactions totaled 420,146. Of these transactions, 171,148 were whole blood or red blood cell transfers and 190,713 were transfers of components. Participants in the National Blood Exchange provided over 10,000 units to assist the military blood program in support of Operation Desert Shield/Storm.

In 1991, the National Blood Resource Committee planned and produced the "Inventory Management Forum" held at the AABB Annual Meeting, simplified the procedure for applying for NBE participation, revised the *NBE Guide* and program brochures and reviewed fee schedules for appropriateness. The Committee also analyzed for the AABB Board of Directors such issues as national blood resource sharing and the effect of reduced dating for red cells on inventory management.

Reference Laboratories

As of December 31, 1991, there were 54 official AABB Reference Laboratories in the United States, providing exchange of information and consultation on rare blood group antibodies, typing, crossmatching, component preparation and therapy, blood compatibility testing and research. The committee also formulated and developed proficiency tests to measure technical expertise and serologic resources in the reference lab.

Rare Donor File

During 1991, the Rare Donor File received a total of 137 calls requesting blood for immunized patients. These calls, plus many others made directly between participating members, resulted in 136 units of rare and fully phenotyped blood being supplied.

The blood banking community collected, tested and shipped thousands of units of blood during the public's surge of support for Operation Desert Shield/Storm.

The year-end inventory showed that member institutions had over 1600 rare donors registered on their files and that nearly 8300 fully phenotyped donors are known as well. Blood from these donors can be provided throughout the world for patients who form red cell antibodies.

Parentage Testing

As of December 31, 1991, there were 43 AABB-accredited parentage testing laboratories. Approximately 200 laboratories in the United States perform this type of work. The Parentage Testing Committee, which oversees the parentage testing accreditation program, published the *Parentage Testing Accreditation Requirements Manual* this year and has successfully completed 15 on-site inspections.

The Parentage Specimen Program functions as an external proficiency testing mechanism, a source of unusual serum protein and/or red cell enzyme variants for use as a control by laboratories using electrophoretic techniques and provides paper problems or unusual case studies as means of continuing education. Blood and purified DNA samples are sent to participants four times a year. There are 90 laboratories participating in the program.

Viral Marker Surveys

The number of participants in the AABB/CAP Viral Markers Survey continued to increase. In 1991, there were over 2100 participants in the surveys, which included the Viral Markers Survey (W), the Donor Module Survey (W-1) and the Diagnostic Module Survey (W-2).

Group Purchasing

The AABB Group Purchasing program continued to expand in 1991. The number of active contracts increased to 95, and there were over 262 participating institutions contributing to approximately $1,827,441 in purchases. The Administrative Section Coordinating Committee is responsible for monitoring and negotiating the contracts.

1990-91 Board of Directors

Arthur J. Silvergleid, MD
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Estre Culotta, MHS, MT(ASCP)SBB
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South Central District

Margie B. Peschel, MD
Director
South Central District

Jerry Kolins, MD
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Pacific District

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Director
Pacific District

John L. Drury
Administrative Section
Representative

Susan Wilkinson, EdD, MS, MT(ASCP)SBB
Scientific Section
Representative

Data illustrated on the following pages were summarized from the 1991 AABB Institutional Membership Questionnaire, which covered the period from January 1, 1990 through December 31, 1990. Of the 2270 surveys mailed, 2145 were completed and represent 2009 hospitals and 136 regional and community blood centers.

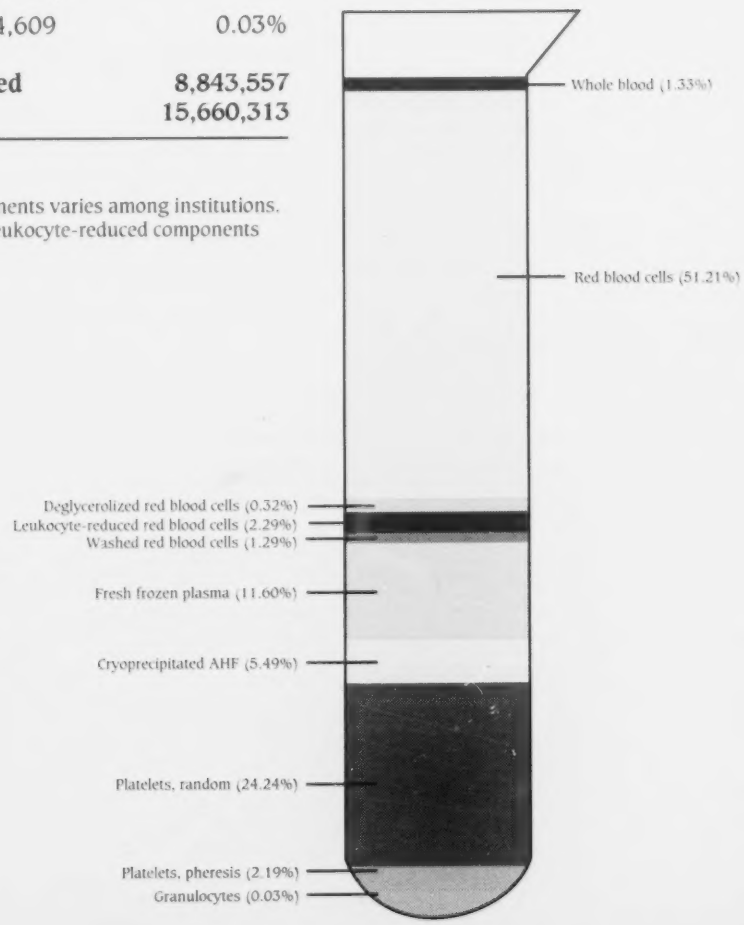
Table 1. Collection Data

	# of Institutions/ Patients	1990 Totals
Homologous Donation Data		
Homologous Units Collected	564	8,430,224
At blood centers	(121)	(7,028,736)
At hospitals	(443)	(1,401,448)
Autologous/Directed Donations		
Autologous Units Collected	836/182,221	556,394
Autologous Plateletpheresis	78/123	219
Directed Units Collected	497/55,433	283,751
Directed Plateletpheresis	153/1558	10,668
Component Collection Data		
Plasmapheresis	148	29,167
At blood centers	(39)	(25,861)
At hospitals	(109)	(3,306)
Plateletpheresis	317	243,761
At blood centers	(92)	(153,832)
At hospitals	(225)	(89,929)
Leukapheresis	171	5,029
At blood centers	(51)	(1,538)
At hospitals	(120)	(3,491)
Therapeutic Collection Data		
Therapeutic Apheresis	387	53,331
Therapeutic Phlebotomy	1,145	70,837

Table 2. Transfusion Data

Components	1990 Totals	Percent
Whole blood*	207,810	1.33%
Red blood cells*	8,019,511	51.21%
Homologous	(7,748,335)	
Autologous	(227,642)	
Directed	(43,534)	
Deglycerolized red blood cells*	50,345	0.32%
Leukocyte-reduced red blood cells*†	358,714	2.29%
Washed red blood cells*	202,568	1.29%
Fresh frozen plasma	1,817,275	11.60%
Cryoprecipitated AHF	860,360	5.49%
Platelets, random	3,796,102	24.24%
Platelets, pheresis	343,019	2.19%
Homologous	(337,534)	
Autologous	(455)	
Directed	(5,030)	
Granulocytes*	4,609	0.03%
Total red-cell-containing components transfused		**8,843,557**
Total all blood components transfused		**15,660,313**

*Red-cell-containing components.
†The use of special filters to provide leukocyte-reduced components varies among institutions. Therefore, data do not necessarily reflect the total number of leukocyte-reduced components transfused.



1990-91 Committee Members

COMMITTEES OF THE BOARD

Personnel Committee

Purpose: To provide advice and counsel to the president, Board of Directors and executive director concerning AABB personnel matters.

Roger K. Svoboda, MBA, MS, MT(ASCP)SBB, chairman
Arthur J. Silvergleid, MD
Edward L. Snyder, MD
Robert L. Travis, MT(ASCP)SBB

Awards Committee

Purpose: To make recommendations to the AABB Board regarding certain named awards.

The members of this committee are anonymous.

ADMINISTRATIVE COUNCIL

Blood Bank Workload Recording Committee

Purpose: To develop and maintain a current, comprehensive library of workload recording values for blood banks and transfusion services and to define a workload recording system that will be compatible with the College of American Pathologists system.

Lieta Maffei, MT(ASCP)SBB, chairman
Col. Gary B. Clark, MD, USMC
Nancy Geer, MT(ASCP)
David S. Wilkinson, MD, PhD
Liaisons:
Michael J. Deegan, MD
College of American Pathologists
Paul Jenner, MD
American Red Cross
Consultants:
William E. Kline, MS, MT(ASCP)SBB
Sally G. Swenson, MT(ASCP)SBB

Bylaws Committee

Purpose: To examine proposed bylaws changes to ensure that they conform to the current needs and direction of the Association.

Richard S. Kolecki, MD, chairman
Robert Albee, III
E. Arthur Dreskin, MD
Colin MacPherson, MD

Commonality Committee

Purpose: To assume a leadership role in the technical specifications for blood collection and transfusion services labeling and coding of blood components and derivatives.

Edwin A. Steane, PhD, chairman
Malcolm Beck, FIMLS, MIBiol
Suzanne Butch, MT(ASCP)SBB
Candace K. Williams, MT(ASCP)SBB
Liaisons:
P. Ann Hoppe
Food and Drug Administration
Barbara Peoples
American Red Cross
Beverly Robinson
Council of Community Blood Centers

Donor Resources and Community Relations Committee

Purpose: To assist blood centers and the donor resources professional in developing and maintaining a positive environment for blood donation through donor education and recruitment and community relations activities.

Jean E. Coach, chairman
David V. Bonk
Jodi Davis
Jill Hummels
Carolyn P. Mihalko
Virginia Parsons, MBA, MT(ASCP)SBB
Sharon C. Perkins
Dan Waxman, MD

Ethics Committee

Purpose: To offer peer review concerning issues related to the ethics of blood banking practice.

Grace M. Neitzer, MT(ASCP)SBB, chairman
Ronald E. Domen, MD
Kenneth N. Edwards
Alfred J. Grindon, MD
Page D. Sanchez-Meyer, MHS, MT(ASCP)SBB
Herbert Silver, MD
Louise Esplin Swensen, MT(ASCP)SBB

Finance/Building Committee

Purpose: To advise the Board concerning AABB fiscal policies and status.

William M. Coenen, chairman
Julie Beck, MT(ASCP)SBB
James N. Cooper
Jerry Kolins, MD
William H. Portman
Allan Ross, MT(ASCP)SBB
Ex-Officio Member:
Bobby A. Grigsby, CPA, MBA

Information Systems Committee

Purpose: Monitor areas of concern to users of computer-assisted programs in blood banks and transfusion services.

Susan Steane, MS, MT(ASCP)SBB, chairman
Raymond D. Aller, MD
Elaine Gordon, MS, MT(ASCP)SBB
Carma Lizza
Louise Smith, MPA, MT(ASCP)SBB
Ruth Zatik, MT(ASCP)
Liaisons:
Diane Pawlowski
American Red Cross
David J. May
Blood Systems, Inc.
Richard Naples, MT(ASCP)
Food and Drug Administration
Dee Simons, MT(ASCP)SBB
Health Industry Manufacturers Association

International Affairs Committee

Purpose: To promote the activities of the Association on the international scene.

Pablo D.J. Fortes, BS(ASCP)SBB, chairman
Jean-Pierre Allain, MD, PhD
Richard J. Davey, MD
Victor E. Escovedo, MT(ASCP)
Tibor J. Greenwalt, MD
Ramon N. Kranwinkel, MD
Benjamin Lichtiger, MD, PhD
Aline C.M. Machado, MD
Mark A. Popovsky, MD
Paul J. Schmidt, MD
Cees Th. Smit Sibinga, MD, PhD
Liaison:
Jack Ryan
American Blood Resources Association
Consultants:
Anthony M. Bruno, MPH, MD
Pan American Health Organization/ WHO
Michael H.K. Irwin, MD
United Nations

Membership Committee

Purpose: To advise the Board regarding membership recruitment and applications.

Edward O. Carr, MT(ASCP)SBB, chairman
David J. May
Chloe Scott, MT(ASCP)
Sandra Smietana, MT(ASCP)SBB
Danna Sorenson, RN
Christopher Stowell, MD, PhD

National Blood Resource Committee

Purpose: To recommend guidelines for national blood resource sharing and provide assistance to the National Office to ensure effective and responsible service to National Blood Exchange participants.

Dale R. Malloy, DPA, MT(ASCP)SBB, chairman
Gene A. Erickson
Victoria Harding
Harold S. Kaplan, MD
Klaus Mayer, MD
Mary S. Moore
Nancy P. Vital
Catherine L. Wells, MT(ASCP)SBB
Liaisons:
Margi Gondolfi
Council of Community Blood Centers
CDR David A. Reichman, PhD, MSC, USN
Department of Defense
Pam Leach, RN
American Red Cross

Nursing and Donor Room Personnel Committee

Purpose: To foster the involvement of nursing and donor room personnel in the AABB and to provide expertise concerning the responsibilities of nursing and donor room personnel in allied sciences that pertain to blood banking.

Mary Rzasa, RN, chairman
Robert W. Braun, MT(ASCP)SBB
Frances Butler, RN, BSN, MBA
H. Mustafaa Carroll
Lani Gerber, RN
Wendy Holmes, RN, MSN
Stephanie Jonker, RN
Elizabeth Malynn, RN
David E. Sharp, MD, PhD
Liaisons:
Bridget Culhane, RN
Oncology Nursing Society
Patricia Harrington, RN
American Nurses Association
Consultant:
Christina A. Kasprisin, MS, RN

Public Advisory Committee

Purpose: To set up and monitor public advisory panel meetings.

Gene A. Erickson, chairman
Frances S. Chizeck
Sara Costa
Pam Powell

Ad Hoc Committee on Elections

Purpose: To ensure that elections at the Annual Business Meeting are conducted in accordance with Association policies.

Edwin F. Smith, CAE, chairman
John Orrell, SBB(ASCP)
David R. Parsons
Erlo Roth, MD
Jack Smythe

Ad Hoc Insurance Committee

Purpose: To monitor the AABB professional liability insurance program for AABB institutional members and work toward establishing a risk retention group for the AABB.

J. Daniel Connor, chairman
Michael Fuller
John T. Guthrie
Scott M. Nelson
Jay H. Olmstead
William Portman
Ronald Wilkins

EDUCATIONAL COUNCIL

Academic Transfusion Medicine Committee

Purpose: To establish working relations between TMAA, NHLBI and AABB.

Ennio C. Rossi, MD, chairman
Margot S. Kruskall, MD
John D. Milam, MD
Lawrence D. Petz, MD
Patricia Pisciotto, MD
Paul J. Schmidt, MD
Richard J. Sassetti, MD
Laurence Sherman, MD
Edward L. Snyder, MD
Liaison:
Paul R. McCurdy, MD
NHLBI/NIH

Accreditation of SBB Schools Committee

Purpose: To serve as a joint review board in collaboration with CAHEA for the accreditation of educational programs for Specialists in Blood Bank Technology.

Teresa D. Anderson, MT(ASCP)SBB, chairman
Carol Davis, MS, MT(ASCP)SBB
Ellis M. Frohman, MA, MT(ASCP)SBB
Robert Heinz, MT(ASCP)SBB
Jane E. Mesnard, MS, MT(ASCP)SBB
Marcus B. Simpson, Jr., MD
Hannis W. Thompson, MD

Administrative Program Committee

Purpose: To plan and organize the administrative program events for the Annual Meeting.

Brian P. McDonough, chairman
Richard S. Eisenstaedt, MD
Claire M. Hall
Sharolyn Kriger, RN, MBA
Pam Troyer, MSA, MT(ASCP)SBB
Ronald G. Wilkins
Barbara Zimmerman, MT(ASCP)SBB

Certification Committee (SBB/BB)

Purpose: To serve as an AABB/BoR committee for BoR examinations in blood banking. To serve as advisory group to the Board of Directors of the AABB on all matters pertaining to certification of blood bank technologists.

Virginia Vengelen-Tyler, MBA, MT(ASCP)SBB, chairman
Joan M. Barker, MT(ASCP)SBB
Christine Barrasso, MT(ASCP)SBB
William J. Hunter, MD
Susan F. South, MT(ASCP)SBB
Ronald Strauss, MD
Stephanie Summers, PhD, MT(ASCP)SBB
Susan Wilkinson, EdD, MS, MT(ASCP)SBB
Liaison:
Fay Weirich, MT(ASCP)SBB
Board of Registry

CME Advisory Committee

Purpose: To ensure the educational programs of the AABB meet the guidelines and accreditation requirements of the Accreditation Council for Continuing Medical Education (ACCME).

Richard S. Eisenstaedt, MD, chairman
Asa Barnes, MD
Ennio C. Rossi, MD

Continuing Education Committee

Purpose: To develop content for and implement comprehensive continuing education programs.

Katherine B. Carlson, MT(ASCP)SBB, chairman
Lucia M. Berte, MA, MT(ASCP)SBB
Deborah Brown, MT(ASCP)SBB
Ronald E. Domen, MD
Patricia Ellinger, MSEd, MT(ASCP)SBB
Leigh C. Jefferies, MD
Holly L. Levandoski, MT(ASCP)SBB
Darci Murphy, MS, MT(ASCP)SBB
Bruce Newman, MD
Jennifer Rhamy, MT(ASCP)SBB
Deborah M. Spiegel, MT(ASCP)SBB
Connie M. Westhoff-Waletich

Exhibits Committee

Purpose: To provide, through exhibits at the Annual Meeting, information on tests, materials and devices designed to serve the needs of donors and patients; to offer a forum in which commercial organizations can present available items; to provide a forum for educational exhibits; and to ensure that exhibitors conform to the policies of the Health Care Exhibitors Association.

Frances S. Chizeck, chairman
James N. Cooper
Mindy E. Cooper-Smith, MD
Bruce Haguewood
Teresa Harris, MT(ASCP)SBB

Publications Committee

Purpose: To determine the need and suitability of proposed publications and also serve to smooth the publication of approved manuscripts.

Joel Umlas, MD, chairman
Robert E. Albee, III
Harold A. Oberman, MD
Susan D. Rolih, MS, MT(ASCP)SBB
Marilyn J. Telen, MD

Safety Committee

Purpose: To provide guidance on safety procedures for the blood center and transfusion service.

Joseph G. Ridley, chairman
Jeanne A. Dahl, MT(ASCP)
Gerald A. Hoeltge, MD
Robert E. James, III, MD, PhD
Jo McKelvey, MT(ASCP)SBB
Liaisons:
P. Ann Hoppe
Food and Drug Administration
Susan Harwood, PhD
Occupational Safety and Health Administration
Jonathan Richmond, PhD
Centers for Disease Control
John J. Zlockie, MT
National Committee on Clinical Laboratory Standards

Scientific Program Committee

Purpose: To plan meaningful scientific communications and lectures for the Annual Meeting.

Sandra J. Nance, MS, MT(ASCP)SBB, chairman
Kenneth C. Anderson, MD
Richard H. Aster, MD
Hugh Chaplin, Jr., MD
Roger Y. Dodd, PhD
Dennis Goldfinger, MD
Peter D. Issitt, PhD, FIMLS, FIBiol, FRCPath
Naomi L.C. Luban, MD
Marilyn K. Moulds, MT(ASCP)SBB
Leslie Silberstein, MD
Marilyn J. Telen, MD
Liaisons:
P. Ann Hoppe
Food and Drug Administration
Lawrence D. Petz, MD
Selection of Scientific Abstracts Committee

Selection of Scientific Abstracts Committee

Purpose: To conduct the process of evaluation and selection of technical/scientific abstracts for presentation at the Annual Meeting.

Lawrence D. Petz, MD, chairman
Harvey J. Alter, MD
Michael P. Busch, MD, PhD
William A. Fricke, MD
George Garratty, PhD, FIMLS, MRCPath
Glenn Ramsey, MD
Ronald G. Strauss, MD
Gary Tegtmeier, PhD

Technical Manual Committee

Purpose: To prepare a technical manual that will provide practical guidance concerning methods and

techniques that implement the standards.
Richard H. Walker, MD, chairman
Donald R. Branch, PhD
Walter H. Dzik, MD
Ram Kakaiya, MD
Ann McMican, MS, MT (ASCP)SBB
Paul M. Ness, MD
Herbert F. Polesky, MD
Susan D. Rolih, MS, MT(ASCP)SBB
Virginia Vengelen-Tyler, MBA, MT(ASCP)SBB
Liaisons:
P. Ann Hoppe
Food and Drug Administration
Michael J. Ward, Lt. Col., USAF, BSC, MS, MT(ASCP)SBB
Department of Defense

Technical/Scientific Workshops Committee

Purpose: To provide overall planning and coordination of the Association's technical workshops.
Dennis M. Smith, Jr., MD, chairman
James P. AuBuchon, MD
Michael L. Baldwin, MBA, MT(ASCP)SBB
Mark E. Brecher, MD
Daniel B. Brubaker, DO
Michael P. Busch, MD, PhD
Morris R. Dixon, MS, MT(ASCP)SBB
Frances L. Gibbs, MS, MT(ASCP)SBB
Christina A. Kasprisin, MS, RN
Sanford R. Kurtz, MD
Barbara Laird-Fryer, MT(ASCP)SBB
Judith S. Levitt, MT(ASCP)SBB
Joann M. Moulds, PhD
Ronald A. Sacher, MD
Marcus B. Simpson, Jr., MD
Sally Swenson, MT(ASCP)SBB
Robert G. Westphal, MD
Susan M. Wilson, MT(ASCP)SBB
Laura Lee Woods, MS, MT(ASCP)SBB
Liaisons:
Katherine B. Carlson, MT(ASCP)SBB
Continuing Education Committee
Mary Rzasa, RN
Nursing and Donor Room Personnel Committee

Ad Hoc Annual Meeting Planning Committee

Purpose: To plan and coordinate with the Department of Meeting Services the 1991 Annual Meeting in Baltimore, MD.
Toby L. Simon, MD, chairman
Frances S. Chizeck
Brian P. McDonough
Sandra J. Nance, MS, MT(ASCP)SBB
Lawrence D. Petz, MD
Dennis M. Smith, Jr., MD

SCIENTIFIC COUNCIL

Autologous Transfusion Committee

Purpose: To provide expertise concerning autologous transfusion practices and procedures, to recommend appropriate performance standards, and to provide education concerning their uses.
Margot S. Kruskall, MD, chairman
Matthew Bodner, MD
Walter H. Dzik, MD
Kenneth D. Friedman, MD
Lani Gerber, RN
Steven A. Gould, MD
Glenn P. Gravlee, MD
David G. Schoenleber, RN, MT(ASCP)SBB
Roslyn Yomtovian, MD
Liaison:
P. Ann Hoppe
Food and Drug Administration

Blood Data Committee

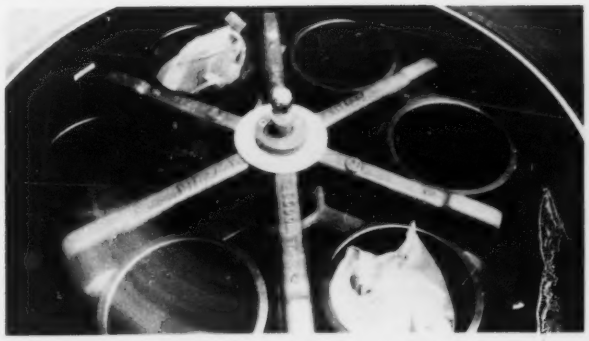
Purpose: To ensure that data indicative of important trends in blood banking and transfusion medicine are available to the Association in a timely fashion; to ensure that any additional questionnaires submitted to the membership are appropriate.
Patricia Devine, MD, chairman
Joseph R. Bove, MD
Amoz Chernoff, MD
David Ciavarella, MD
Lynn K. Hoffstadter, MT(ASCP)SBB
Jeanne V. Linden, MD, MPH
Nina Postoway, MBA, MT(ASCP)SBB
Douglas M. Surgenor, PhD
Candace K. Williams, MT(ASCP)SBB

Extracorporeal Therapy Committee

Purpose: To serve as a source of expertise for AABB programs that relate to extracorporeal therapy and therapeutic apheresis.
Susan F. Leitman, MD, chairman
D.H. Buchholz, MD
Dallas A. Forshew, RN
Kenneth Friedman, MD
Francis Morrison, MD
David E. Sharp, MD, PhD
Russell Wick, MT(ASCP)SBB
David H. Yawn, MD
Liaison:
P. Ann Hoppe
Food and Drug Administration

Inspection and Accreditation Committee

Purpose: To implement the Association's Inspection and Accreditation Program.
Herbert Silver, MD, chairman
Vice Chairmen:
J. Robert Beck, MD
Kathleen Sazama, MD, JD



Marilyn F.M. Johnston, MD, PhD
Francis S. Jones, MD
Mabel M. Stevenson, MD
Area Chairmen:
Richard E. Bettigole, MD
Leslie Ray Bryant, Jr., MD
Joseph H. Cooper, MD
Richard V. Crisera, MD
Bennett Edelman, MD
John A. Griep, MD
Samuel J. Insalaco, MD
George M. Katibah, MD
Todd Kolb, MD
Jerry Kolins, MD
Mark D. Kolins, MD
Ramon N. Kranwinkel, MD
Mercy Kuriyan, MD
Daniel J. Ladd, MD
James E.T. Laningham, MD
Aaron Long, MD
Leo J. McCarthy, MD
Donald C. McKee, MD
W. Charles Pfister, MD
Emmett B. Reilly, MD
Helen M. Richards, MD
Irene E. Roeckel, MD
Robert B. Schultz, MD
Joseph F. Stocks, MD
Margaret Waid, MD
Liaisons:
P. Ann Hoppe
Food and Drug Administration
Hans J. Peters, MD
College of American Pathologists
CDR David A. Reichman, PhD, MSC, USN
Department of Defense
Richard H. Walker, MD
Technical Manual Committee
Frances K. Widmann, MD
Standards Committee
Consultant:
Margaret Wallace, MHS, MT(ASCP)SBB

Parentage Testing Committee

Purpose: To provide a source of expertise in matters related to parentage testing.
Jerome L. Gottschall, MD, chairman
Robert W. Allen, PhD
Michael L. Baird, PhD
Daniel D. Garner, PhD
Debra Endean, PhD
Charlene A. Hubbell, MT(ASCP)SBB
Debra R. Mozill, MT(ASCP)SBB
Robert E. Wenk, MD
Robert C. Williams, PhD
Liaisons:
Michael E. Barber
American Bar Association
Marilyn S. Pollack, PhD
American Society of Histocompatibility and Immunogenetics

Pediatric Hemotherapy Committee

Purpose: To foster a knowledge and understanding of blood transfusion therapy in neonates and children, and to offer guidance for the optimal use of blood components and blood center services for these patients.
Ronald Strauss, MD, chairman
Christine Barrasso, MT(ASCP)SBB
Victor S. Blanchette, MD, FRCP, MRCP
Janice Fay Blazina, MD
Heather Hume, MD, FRCP(C)
Gary J. Levy, MD
Lynn Scholz, MS, MT(ASCP)SBB
Cirilo Sotelo-Avila, MD
Alice L. Werner, MD
Liaison:
Alvin M. Mauer, MD
American Academy of Pediatrics

Reference Laboratory and Rare Donor File Committee

Purpose: To develop and maintain criteria for accrediting laboratories to which blood banking problems can be referred for consultation, and to maintain the rare donor file.
Linda Issitt, MT(ASCP)SBB, chairman
David Cohen, MT(ASCP)SBB
Susan Lind, MT(ASCP)SBB
Janice McFarland, MD
Elaine Osier, MT(ASCP)SBB
Sherry Perry, MT(ASCP)SBB
E. Ann Steiner, MT(ASCP)SBB
Susan South, MT(ASCP)SBB
Consultant:
Kathleen Skradski, MT(ASCP)SBB

Standards Committee

Purpose: To develop and publish standards for relevant aspects of blood bank practices.

Frances K. Widmann, MD, chairman
Carol A. Bell, MD
Suzanne H. Butch, MT(ASCP)SBB
Pablo D.J. Fortes, BS(ASCP)SBB
Dennis Harpool, BS, SBB(ASCP)
Louise J. Keating, MD
German F. Leparc, MD
Jeanne Linden, MD, MPH
Naomi L.C. Luban, MD
Jay E. Menitove, MD
Paul D. Mintz, MD
Glenn Ramsey, MD
Arthur J. Silvergleid, MD
Joberta Wells, MT(ASCP)SBB
Liaisons:
P. Ann Hoppe
Food and Drug Administration
Hans J. Peters, MD
College of American Pathologists
Anthony J. Polk, Col., MS, USA
Department of Defense
S. Gerald Sandler, MD
American Red Cross
Herbert Silver, MD
Inspection and Accreditation Committee
Susan Steane, MS, MT(ASCP)SBB
Information Systems Committee
Richard H. Walker, MD
Technical Manual Committee
Consultant:
John Case, FIMLS

Transfusion Practices Committee

Purpose: To promote appropriate preparation and use of blood components, including those collected by cytapheresis; provide guidelines on transfusion practice for hospital transfusion services.

Leslie E. Silberstein, MD, chairman
Kenneth C. Anderson, MD
Lawrence T. Goodnough, MD
Sanford R. Kurtz, MD
Thomas A. Lane, MD
Patricia Pisciotto, MD
Merlin H. Sayers, MD, PhD
Liaisons:
Gary Moroff, PhD
American Red Cross
Ronald J. Faust, MD
American Society of Anesthesiologists
Carol Kasper, MD
National Hemophilia Foundation

Transfusion-Transmitted Disease Committee

Purpose: To provide consultation, as needed, on all facets of transfusion- and transplantation-related diseases and related laboratory tests.

Paul V. Holland, MD, chairman
Harvey J. Alter, MD
Eugene M. Berkman, MD
Celso Bianco, MD
Margaret Hanson, MT(ASCP)SBB
Steven H. Kleinman, MD
Peter L. Page, MD
Ernest R. Simon, MD
Liaisons:
Jay S. Epstein, MD
Food and Drug Adn inistration
Michael Rodell, PhD
American Blood Resources Association
S. Gerald Sandler, MD
American Red Cross
Louis Katz, MD
Council of Community Blood Centers
Frances K. Widmann, MD
Standards Committee
Consultants:
F. Blaine Hollinger, MD
James Shorey, MD
Richard Wasserman, MD, PhD

Transplantation Immunology Committee

Purpose: To serve as a source of expertise in tissue and organ banking and histocompatibility testing.

James M. Mason, PhD, chairman
J. Marilyn MacQueen, BS
Barbara C. Gorgone, MT(ASCP)SBB
Ram Kakaiya, MD
Ronald Kerman, PhD
Marjorie Kimball, MT(ASCP)SBB
Larry C. Lasky, MD
Del M. Steckler, RN
Phyllis Warkentin, MD
Chester Zmijewski, PhD
Kamala Balakrishman, MD
Liaisons:
Jeanne Mowe
American Association of Tissue Banks
Richard Walker, MD
College of American Pathologists

ADMINISTRATIVE SECTION COORDINATING COMMITTEE

Purpose: To enhance the professionalism associated with blood banking administration and to provide a voice on the AABB Board of Directors through an elected representative; to provide services that further the best interests of the Association.

John L. Drury, chairman
J. Daniel Connor, vice-chairman
Jill Hummels, secretary
David V. Bonk
Rhoda Burns
Dan H. Curtis, MT(ASCP)
Richard Eisenstaedt, MD
Trudell Green, MT(ASCP) SBB
Claire M. Hall
Sharolyn R. Kriger, RN, MBA
John Orrell, SBB(ASCP)
Virginia C. Parsons, MBA, MT(ASCP)SBB
Joseph G. Ridley
Edmund N. Smith
Lawrence Smith
Tammy Tackett, MT(ASCP)SBB
Dan Waxman, MD
Rob Whidden
Liaison:
Joel Umlas, MD
Scientific Section Coordinating Committee

SCIENTIFIC SECTION COORDINATING COMMITTEE

Purpose: To represent the interests of the individual members of the AABB who are concerned with the medical, scientific and technical aspects of blood banking. Specifically, it should be an official channel of communication between individual members of the scientific/technical community and the AABB Board of Directors, its officers and committees. It should advise the AABB Board of Directors and its officers on matters relevant to the medical, scientific and technical aspects of the Association and it should identify new or emerging areas of transfusion medicine, science or technology that have importance for blood banking and develop a role for the AABB in these areas.

Susan L. Wilkinson, EdD, MS, MT(ASCP)SBB, chairman
Joel Umlas, MD, vice chairman
Ann McMican, MS, MT(ASCP)SBB, secretary
Kenneth C. Anderson, MD
Richard J. Davey, MD
Roger Y. Dodd, PhD
George Garratty, PhD, FIMLS, MRCPath
Linda A. issitt, MT(ASCP)SBB
Thomas A. Lane, MD
Larry C. Lasky, MD
Margaret E. Nichols, PhD, FIMLS
Mark A. Popovsky, MD
Kathleen Sazama, MD, JD
Leslie E. Silberstein, MD
Frances K. Widmann, MD
Liaison:
J. Daniel Connor
Administrative Section Coordinating Committee

NATIONAL OFFICE STAFF

Joel Solomon, PhD, Executive Director
Joan M. Smith, Planning and Evaluation, Executive Office
Elena Bond, Secretary, Executive Office
Cynthia Kelly, JD, General Counsel, Government and Legal Affairs
John Paul Barber, JD, Manager, Government and Legal Affairs
Mary Ellen Carter, Legislative Assistant, Government and Legal Affairs
Melissa Ottone, Legislative Assistant, Government and Legal Affairs
Marcia S. Lane, Director, Communications and Public Relations
Megan Heaslip, Assistant to the Director, Communications and Public Relations
JoAnn Hoffman, Chief Operating Officer and Director, National Blood Foundation
Brian Hand, Assistant Director, National Blood Foundation
Pam Jensen, Director, Meeting Services
Phyllis Brashears, Assistant Director, Meeting Services
Tonja Eisenbarth, Secretary/Meeting Assistant, Meeting Services
Laurel Munk, Director, Publications
Elizabeth A. Smith, Assistant to the Director, Publications
Elizabeth A. Colgan, Production Manager, Journal/Publications
Sandra Jones, Production Assistant, Journal/Publications
Larry Hoffer, Subscription Assistant, Journal/Publications
Carolinda Hales, Publications Editor, Journal/Publications
Janet R. McGrath, Publications Manager, Books/Publications
Brenda George, Production Assistant, Books/Publications
Eileen R. Church, Newsletter Editor and Writer, Newsletters/Publications
John Saville, Production Assistant, Newsletters/Publications
Helen Bishop, PhD, Director, Education
Peggy Hardman, Assistant to the Director, Education
Taneen Carvell, Program Coordinator, Education
Lisa Daido, Registration Clerk, Education
Bruce Fuller, Chief Financial Officer
Joyce D'Avanzo, Administrative Assistant, Administration and Finance
C. Michael Koon, Controller, Accounting

Bichthu Nguyen, Senior Accountant, Accounting
Martha I. Cueva, Staff Accountant, Accounting
Myla Kimbrough, Accounting Clerk, Accounting
Nicole J. Porter, Director, Human Resources
Terri L. Thurston, Assistant to the Director, Human Resources
Nicole Hawkins, Receptionist, Human Resources
Beth Cox, Receptionist, Human Resources and Data Entry Operator, Membership and Marketing
Barbara Young, Director of Blood Bank Programs
Robert C. Henkel, Supervisor, National Blood Exchange
Debbie McKillip, NC/SC District Representative, National Blood Exchange
Rachel Maines, NE/SE District Representative, National Blood Exchange
Tim Brown, Pacific District Representative, National Blood Exchange
Mary Wood, Data Entry Clerk, National Blood Exchange
Angela B. Buscemi, Supervisor, Inspection and Accreditation
Stacey Gardiner, Coordinator, Parentage Testing/Inspection and Accreditation
Robin Grossfeld, Director, Membership and Marketing
Dana E. Felton, Assistant to the Director, Membership and Marketing
Lisa Horvath, Sales Supervisor, Membership and Marketing
Debbie Saffour, Sales Assistant, Membership and Marketing
Marie Noel, Sales Assistant, Membership and Marketing
Harriet Buchholz, Membership Coordinator, Membership and Marketing
Stephanie Blocker, Membership/Sales Assistant, Membership and Marketing
Sally Guintu, Manager, Management Information Systems
Michael Cruz, Computer Support Specialist, Management Information Systems
Richard Klimkiewicz, Manager, Office Services
Frank Berry, Inventory/Shipping Coordinator, Office Services
Scott Kitts, Office Services Clerk, Office Services
Kay McCurdy, SBB(ASCP), Chief Technical Officer
Irene Bet-Daniel, Administrative Assistant, Technical Affairs
Jean Otter, MT(ASCP)SBB, Director, Regulatory Affairs
Deanna M. Hines, MBA, MT(ASCP), Director, Technical Services
Carol S. Anderson, MT(ASCP), Director, Transfusion Sciences and Education
Elaina Solomon, Secretary, Technical Affairs

Treasurer's Report

The financial statements of the American Association of Blood Banks for the year 1991 are presented on the following pages. The records of the Association have been audited by Arthur Andersen & Co., certified public accountants.

The results for the year were in accord with the long-range plan and the Association remains in a sound fiscal position.

Bobby Grigsby, CPA
Treasurer

Auditor's Report

We have audited the accompanying balance sheets of American Association of Blood Banks (the "Association," an Illinois not-for-profit corporation) as of September 30, 1991 and 1990, and the related statements of revenues, expenses, and changes in fund balance and cash flows for the years then ended. These financial statements are the responsibility of the Association's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of American Association of Blood Banks as of September 30, 1991 and 1990, and the results of its operations and its cash flows for the years then ended, in conformity with generally accepted accounting principles.

Arthur Andersen & Co.
Washington, DC
November 21, 1991

AMERICAN ASSOCIATION OF BLOOD BANKS
BALANCE SHEETS
AS OF SEPTEMBER 30, 1991 AND 1990

ASSETS

	1991	1990
CURRENT ASSETS:		
Cash and cash equivalents	$ 48,627	$ 79,366
Accounts receivable, net	370,629	267,181
National Blood Exchange receivables	1,725,264	1,327,255
Publications inventory, at cost	393,837	433,002
Prepaid expenses and other	344,455	312,832
Total current assets	2,882,812	2,419,636
PROPERTY:		
Furniture, equipment and leasehold improvements, at cost	984,222	905,436
Accumulated depreciation and amortization	(507,129)	(388,650)
Furniture, equipment and leasehold improvements, net	477,093	516,786
Building costs (Note 3)	134,212	-
Property, net	611,305	516,786
INVESTMENTS (Note 2)	1,276,034	1,258,144
INTANGIBLES, net (Note 1)	382,960	429,379
Total assets	$5,153,111	$4,623,945

LIABILITIES AND FUND BALANCE

CURRENT LIABILITIES:		
Current portion of capitalized lease obligations	$ 7,284	$ 15,921
Accounts payable and accrued expenses	320,677	347,738
National Blood Exchange accounts payable	1,201,465	768,220
Unearned revenue-		
Membership dues	450,623	360,951
Annual meeting	1,124,801	1,094,748
Other	209,264	131,518
Total current liabilities	3,314,114	2,719,096
LONG-TERM PORTION OF CAPITALIZED LEASE OBLIGATIONS	-	5,897
Total liabilities	3,314,114	2,724,993
FUND BALANCE:		
Undesignated	1,224,722	1,413,227
Designated - acquisition of building (Note 1)	600,000	500,000
Unrealized gain (loss) on equity securities (Note 2)	14,275	(14,275)
Total fund balance	1,838,997	1,898,952
Total liabilities and fund balance	$5,153,111	$4,623,945

The accompanying notes are an integral part of these balance sheets.

AMERICAN ASSOCIATION OF BLOOD BANKS
STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN FUND BALANCE
FOR THE YEARS ENDED SEPTEMBER 30, 1991 AND 1990

	1991	1990
REVENUES:		
Management-		
Earnings on investments	$ 129,355	$ 116,747
Contracted services with Foundation (Note 4)	94,804	-
Miscellaneous	43,812	17,651
	267,971	134,398
Administration and Finance Division-		
Administrative Programs	38,713	14,836
Blood Bank Programs:		
National Blood Exchange	465,300	431,520
Inspection and Accreditation:		
Nonmember inspection and accreditation	29,017	32,940
Parentage testing	48,533	21,219
Marketing and Member Services Department:		
Print	876,392	1,301,652
Nonprint	164,090	99,832
Shipping income	51,672	36,318
Foreign sales commissions	24,571	10,157
Dues	1,790,442	1,505,358
CAP survey and mailing lists	125,939	179,428
	3,614,669	3,633,260
Programs and Education Division-		
Meeting Services Department - Annual Meeting	1,627,523	1,393,615
Education Department:		
National conferences	22,705	73,913
Teleconferences	98,478	154,902
Other conferences	86,486	27,154
Publications Department:		
Transfusion	603,400	374,656
News Briefs	40,371	38,049
Blood Bank Week	171,055	148,091
Communications and Public Relations Department:		
Donor plaques and other	53,153	17,976
	2,703,171	2,228,356
Technical Affairs Division-		
Transfusion Science and Education Department:		
SBB accreditation programs	12,600	14,400
FDA and NABRC Contributions	-	39,630
	12,600	54,030
Total revenues	$6,598,411	$6,050,044
EXPENSES:		
Management-		
Executive office	$ 253,805	$ 281,697
Board of Directors	119,136	127,876
Committees	290,654	283,446
General operating expenses	450,386	427,167
Contracted services with Foundation (Note 4)	94,804	-
Other organizations	1,496	2,491
	1,210,281	1,122,677
Administration and Finance Division-		
Office of the Chief Financial Officer	158,124	125,017
Accounting Department	199,221	212,641
Human Resources Department	144,168	128,932

AMERICAN ASSOCIATION OF BLOOD BANKS
STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN FUND BALANCE (CONTINUED)
FOR THE YEARS ENDED SEPTEMBER 30, 1991 AND 1990

	1991	1990
MIS Department	$ 115,326	$ 107,740
Blood Bank Programs:		
National Blood Exchange	311,043	295,166
Inspection and Accreditation:		
Operations	126,956	107,373
I & A inspections	115,285	113,252
I & A workshops	6,366	161,951
Parentage testing	27,261	18,192
Office Services Department	139,984	127,180
Marketing and Member Services Department:		
Operations	261,405	182,659
Membership programs	39,347	19,164
Dues	22,484	15,133
Marketing programs	76,724	52,709
Administrative programs	21,270	13,968
	1,764,964	1,681,077
Programs and Education Division-		
Office of the Chief Operating Officer	95,529	57,981
Meeting Services Department	144,024	110,843
Annual Meeting	1,070,041	702,706
Education Department:		
Operations	150,885	132,801
National conferences	18,531	45,932
Teleconferences	46,709	60,052
Other conferences	82,939	15,665
Publications Department		
Operations	82,776	122,828
Transfusion	497,860	410,394
Books	81,680	-
Newsletters	83,975	-
News Briefs	110,960	90,166
Blood Bank Week	44,196	41,743
Cost of goods sold	380,999	510,726
Office of General Counsel	289,823	231,622
Communications and Public Relations Department:		
Operations	109,899	177,210
Public relations programs	109,821	46,144
Annual report	24,857	25,289
Donor plaques and other	50,616	48,454
	3,476,120	2,830,556
Technical Affairs Division-		
Office of the Chief Technical Officer	150,537	195,643
Transfusion Science and Education Department	70,739	118,596
	221,276	314,239
Total expenses	$6,672,641	$5,948,549
EXCESS (DEFICIT) OF REVENUES OVER EXPENSES	(74,230)	101,495
FUND BALANCE, beginning of year	1,898,952	2,885,263
EQUITY CONTRIBUTION TO NATIONAL BLOOD FOUNDATION (Note 12)	-	(1,073,531)
UNREALIZED GAIN (LOSS) ON EQUITY SECURITIES (Note 2)	14,275	(14,275)
FUND BALANCE, end of year	$1,838,997	$1,898,952

The accompanying notes are an integral part of these statements.

AMERICAN ASSOCIATION OF BLOOD BANKS
STATEMENTS OF CASH FLOWS
FOR THE YEARS ENDED SEPTEMBER 30, 1991 AND 1990

	1991	1990
CASH FLOWS FROM OPERATING ACTIVITIES:		
Excess (deficit) of revenues over expenses	$ (74,230)	$ 101,495
Noncash items included in revenues in excess of expenses-		
Depreciation and amortization	198,715	172,982
Changes in assets and liabilities that provided (used) cash-		
Accounts receivable	(103,448)	73,784
National Blood Exchange receivables	(398,009)	252,981
Publications inventory	39,165	41,808
Prepaid expenses and other	(31,623)	(96,635)
Accounts payable and accrued expenses	(27,061)	(172,252)
National Blood Exchange accounts payable	433,245	(46,165)
Unearned revenue-		
Membership dues	89,672	20,902
Annual meeting	30,053	19,524
Other	77,746	26,591
Provision for unrealized gain (loss) on equity securities	14,275	(14,275)
Net cash provided by operations	248,500	380,740
CASH FLOWS FROM INVESTING ACTIVITIES:		
Purchase of investments, net of sales	(17,890)	(70,813)
Purchase of furniture, equipment and leasehold improvements	(112,603)	(213,137)
Purchase of building	(134,212)	-
Net cash used in investing activities	(264,705)	(283,950)
CASH FLOWS FROM FINANCING ACTIVITIES:		
Payments on capital lease obligations	(14,534)	(17,424)
Net cash used in financing activities	(14,534)	(17,424)
(DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS	(30,739)	79,366
CASH AND CASH EQUIVALENTS, beginning of year	79,366	-
CASH AND CASH EQUIVALENTS, end of year	$ 48,627	$ 79,366

SUPPLEMENTAL DISCLOSURE OF SIGNIFICANT NON-CASH TRANSACTIONS:
As discussed in Note 12 to the financial statements, during the year ended September 30, 1990, the equity of the AABB Foundation was transferred to the National Blood Foundation.

The accompanying notes are an integral part of these statements.

AMERICAN ASSOCIATION OF BLOOD BANKS NOTES TO FINANCIAL STATEMENTS AS OF SEPTEMBER 30, 1991 AND 1990

1. ORGANIZATION AND SIGNIFICANT ACCOUNTING POLICIES:

Organization

The American Association of Blood Banks (the "Association") was incorporated under the laws of the state of Illinois on November 5, 1958, as a not-for-profit membership organization of operating blood banks and other blood bankers. The general purposes of the Association are to develop and recommend standards regulating the practice of blood banking, to sponsor and support programs for testing of blood, to promote public health, to maintain the National Blood Exchange and to conduct numerous programs for communication and education among the Association's members and the public.

Income Tax Status

The Association is exempt from Federal income taxes under the provisions of Section 501(c)(3) of the Internal Revenue code.

Basis of Presentation

The accompanying financial statements present the operations of the Association. Certain reclassifications of prior-year balances have been made to conform with the fiscal year 1991 presentation.

Intangible Assets

Intangible assets, which consist primarily of subscription lists related to the purchase of *Transfusion*, are being amortized over their estimated useful life of 10 years. Amortization expenses for the years ended September 30, 1991 and 1990, was $46,419 and $34,815, respectively.

Revenue Recognition

Membership dues received in advance for the following fiscal year are recorded as unearned revenue. Membership dues are recognized as revenue over the period to which the dues apply. Revenue earned on the viral hepatitis survey programs is deferred until the conclusion of each annual survey. Subscriptions to *Blood Bank Week* and FaxNet are recorded as deferred income and recognized ratably throughout the fiscal year based upon subscription anniversary dates. Subscriptions to *Transfusion* are recorded as deferred income and recognized ratably throughout the calendar year based upon the number of issues published in that year.

Expense Allocation

Building rent is allocated to each department's operations based on square footage.

Annual Meeting Revenue and Expenses

Revenues received and expenses incurred in advance for the Association's annual meetings and other programs in the following fiscal year are recorded as unearned revenue and prepaid expenses, respectively, until the related event has occurred.

Designated Fund Balance

During fiscal 1991, the Association's Board of Directors approved the additional designation of $100,000 for the acquisition of a building.

Depreciation and Amortization

Furniture and equipment is depreciated using the straight-line method over estimated service lives of five to 10 years. Leasehold improvements and equipment under capital leases are amortized over the lesser of the lease term or the estimated useful life. Depreciation and amortization expense for furniture, equipment and leasehold improvements was $152,296 and $138,167 for the years ended September 30, 1991 and 1990, respectively.

Cash Flows

The Association considers all highly liquid instruments with a maturity of three months or less at the date of purchase to be cash equivalents. The Association does not consider money market funds contained in its investment portfolio to be cash equivalents because they are considered part of an overall investment portfolio.

2. INVESTMENTS:

Investments consist primarily of money market funds, short-term corporate and government bonds and equity securities. Money market funds are carried at cost, which approximates market. Debt securities are carried at cost which, for some securities, is above market value. The Association intends to hold these securities until maturity, at which time the cost basis would be recovered. Equities are carried at lower of cost or market. During fiscal year 1990, the aggregate market value of the Association's equity securities declined $14,275 below the original cost. During fiscal year 1991, the aggregate market value of the equity securities increased above the original cost. The 1990 market value reduction and the corresponding increase in 1991 are reflected as direct adjustments to the fund balance in the accompanying statements. Amounts at September 30, 1991, consisted of the following:

	Cost	Market
Money market funds	$ 353,204	$ 353,204
Debt securities	702,898	722,794
Equity securities	219,932	261,771
	$1,276,034	$1,337,769

3. BUILDING COSTS:

On March 20, 1991, the Association entered into a lease with option to purchase agreement for an office building located in Bethesda, Maryland. Upon obtaining financing, the Association intends to purchase the building for $4.1 million. All costs associated with the purchase of the building are being capitalized. Once the Association acquires the building, all building costs will be depreciated over the estimated useful life of the building. Currently, the Association is leasing office space in Arling-

ton, Virginia, under a lease agreement that expires in April 1992.

The Association has purchased an irrevocable letter of credit in the amount of $150,000 as a security deposit.

4. CONTRACTED SERVICES WITH FOUNDATION:

The Association has entered into a services agreement (the "Agreement") with the National Blood Foundation under which the Association is to provide all management services and other services as specified in the Agreement to the Foundation. Such services are invoiced at cost to the Foundation and are reflected in the accompanying financial statements.

5. FDA CONTRACT:

The Association was awarded a contract from the Food and Drug Administration in December 1988 to study the prevalence of the HIV antigen in asymptomatic anti-HIV negative blood donors. The contract was a one-year cost reimbursement contract in the amount of $535,996. The contract was extended through June 1990, when it expired. The Association was reimbursed for costs in the amount of $32,130 for the year ended September 30, 1990.

6. NATIONAL BLOOD EXCHANGE:

The National Blood Exchange ("NBE") operates as a clearinghouse for the shipping and receiving of blood units by participating blood banks. NBE charges transaction fees to both the shipping and receiving blood banks for each unit of blood. In addition, the cost of the blood units is paid through the NBE to the shipping blood banks.

7. RESTRICTION ON CASH:

The Association is required to maintain a compensating cash balance in the amount of $100,000 at all times for its sweep cash account.

8. LEASE COMMITMENTS:

At September 30, 1991, the Association was obligated under noncancelable operating leases for equipment and office space, which expire over the next four years.

The Association leases various equipment under capital leases expiring in 1992. The assets under capital leases are recorded at the lower of the present value of the minimum lease payments or the fair value of the asset.

Minimum future rental payments under the noncancelable operating leases and capitalized leases for each of the next four years and in total as of September 30, 1991, are summarized below.

Year ended Sept. 30,	Operating leases	Capital leases
1992	$ 226,723	$ 7,635
1993	7,476	-
1994	7,476	-
1995	3,738	-
Total minimum future rental payments	$ 245,413	$ 7,635
Less amount representing interest		351
Present value of future lease payments		$ 7,284

Total rental expense for office and equipment operating leases was approximately $442,645 and $480,387 for the years ended September 30, 1991 and 1990, respectively.

Until the Association obtains financing for the purchase of the office building (see Note 3), the minimum future rental payments under the building lease for the next 10 years and in total as of September 30, 1991, are summarized below:

Year ended Sept. 30,	Building lease
1992	$ 131,189
1993	393,566
1994	393,566
1995	393,566
1996	393,566
1997 and thereafter	2,869,095
Total minimum future rental payments	$4,574,548

In addition, the Association is obligated under a ground lease agreement beginning February, 1992. The annual lease payment is $128,516 adjusted yearly according to the Consumer Price Index.

9. PENSION PLAN:

The Association has a defined contribution pension plan covering substantially all full-time employees. The Association's annual contribution, as defined in the plan, is based on certain percentages of the participants' compensation for the preceding plan year. Benefits related to employer contributions begin vesting after two years of service and become fully vested at five years. Pension expense

was $106,043 and $63,112 for the years ended September 30, 1991 and 1990, respectively.

10. CONTINGENCIES:

The Association is a defendant in a number of lawsuits alleging negligence relating to the testing, screening and distribution of blood products. In the opinion of management and general counsel to the Association, the ultimate outcome of such litigation will not have a material adverse affect on the Association's financial position or results of operations.

11. INSURANCE:

The Association has general liability insurance which covers the setting of standards and failure to provide warnings, licensing or certifying. The effective date of the policy is August 31, 1990, which is retroactive to December 20, 1989. The Association's insurance coverage is on a claims-made basis. Should the claims-made policy not be renewed or replaced with equivalent insurance, occurrences during its term but asserted subsequently will be uninsured. The policy period has been renewed through August 31, 1992, with an additional one-year renewal period. Any suits arising from the aforementioned conditions before August 31, 1990, may not be covered by the new insurance. Management is not aware of any actions relating to these conditions that would potentially require recognition or disclosure in the financial statements. Management is unable to estimate the potential loss from unasserted claims.

12. NATIONAL BLOOD FOUNDATION:

In May 1990, the National Blood Foundation ("NBF"), a charitable trust indenture, was formed to raise funds through private support and to provide research grants in the blood banking field. These activities were formerly carried out by the AABB Foundation.

NBF's Board comprises 11 trustees who are appointed by the Association's president and approved by the Association's Board of Directors. Two members, the president-elect and treasurer, of the Association's Board of Directors are also members of NBF's Board of Trustees.

In connection therewith, the Association's Board of Directors approved the transfer of the equity of the AABB Foundation to NBF. It was the intention of the Association's Board of Directors to form NBF as of the beginning of fiscal year 1990, though the formation was not completed until May 21, 1990. As such, the accompanying financial statements reflect the operations of NBF as if the equity contribution of the former AABB Foundation had occurred on October 1, 1989. At September 30, 1991 and 1990, the net assets of the NBF were $1,287,905 and $1,245,362, respectively.

Sustaining Members

The following individuals and institutions were AABB Sustaining Members and contributors in 1991. Sustaining membership indicates support of the principles, programs and objectives of the AABB. Funds enable the Association to provide services not otherwise possible.

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Sudbury, Canada

INSTITUTIONAL SUSTAINING MEMBERS—UNITED STATES

130th U.S. Army Hospital
APO New York, NY

5th General Hospital
APO New York, NY

97th General Hospital
APO New York, NY

Abbott Northwestern Hospital
Minneapolis, MN

Akron City Hospital
Akron, OH

Alexian Brothers Medical Center
Elk Grove Village, IL

Alfred I. Dupont Institute
Wilmington, DE

Allegheny General Hospital
Pittsburgh, PA

Allen Bennett Memorial Hospital
Greer, SC

Alton Ochsner Medical Foundation
New Orleans, LA

Anaheim Memorial Hospital
Anaheim, CA

American Red Cross Blood Services
Atlanta, GA

American Red Cross Blood Services
Nashville, TN

American Red Cross Blood Services
Norfolk, VA

American Red Cross Blood Services
Omaha, NE

American Red Cross Blood Services
San Juan, PR

American Red Cross Blood Services
St. Louis, MO

American Red Cross Blood Services
Toledo, OH

Arizona Health Sciences Center
Tucson, AZ

Arkansas Methodist Hospital
Paragould, AR

Arlington Hospital
Arlington, VA

Baltimore Rh Typing Laboratory, Inc.
Baltimore, MD

Banco de Sangre De Services Mutos
Hato Rey, PR

Baptist Hospital of Southeast Texas
Beaumont, TX

Baptist Medical Center
San Antonio, TX

Beebe Medical Center
Lewes, DE

Beloit Hospital
Beloit, WI

Beth Israel Medical Center
New York, NY

Bethesda Memorial Hospital
Boynton Beach, FL

Beverly Hospital
Montebello, CA

Blood Bank of Delaware, Inc.
Newark, DE

Blood Center of Southeast Texas
Beaumont, TX

Blood Donors, Inc.
Duluth, MN

Bluefield Regional Medical Center
Bluefield, WV

Botsford General Hospital
Farmington Hill, MI

Brazosport Memorial Hospital
Lake Jackson, TX

Bridgeport Hospital
Bridgeport, CT

Bristol Hospital
Bristol, CT

Brookwood Medical Center
Birmingham, AL

Broward General Medical Center
Ft. Lauderdale, FL

Brownsville General Hospital
Brownsville, PA

Bryn Mawr Hospital
Bryn Mawr, PA

Cabarrus Memorial Hospital
Concord, NC

Cabrini Medical Center-Columbus Hospital
New York, NY

California Blood Bank System
Lakewood, CA

Candler General Hospital, Inc.
Savannah, GA

Cape Cod Hospital
Hyannis, MA

Carolina-Georgia Blood Center
Greenville, SC

Carraway Methodist Medical Center
Birmingham, AL

Carter Blood Center
Ft. Worth, TX

Central Alabama Medical Center
Wetumpka, AL

Central Blood Bank
Pittsburgh, PA

Central California Blood Bank
Fresno, CA

Central Florida Blood Bank, Inc.
Orlando, FL

Central Mesaba Medical Center
Hibbing, MN

Central Texas Regional Blood Center
Austin, TX

Charleston Area Medical Center
Charleston, WV

Charlotte Hungerford Hospital
Torrington, CT

Chester County Hospital
West Chester, PA

Chestnut Hill Hospital
Philadelphia, PA

Childrens Hospital Medical Center
Akron, OH

Childrens Hospital of Philadelphia
Philadelphia, PA

Chilton Memorial Hospital
Pompton Plains, NJ

Christian Hospital Northeast
St. Louis, MO

Citrus Regional Blood Center
Lakeland, FL

Civitan Regional Blood Center, Inc.
Gainesville, FL

Cleveland Clinic Foundation
Cleveland, OH

Clifton Springs Hospital & Clinic
Clifton Springs, NY

Cobb Hospital & Medical Center
Austell, GA

Coffee Memorial Blood Center
Amarillo, TX

Columbia Hospital
Columbia, PA

Columbus Hospital
Chicago, IL

Comanche County Memorial Hospital
Lawton, OK

Community Blood Center
Dayton, OH

Community Blood Center
Naples, FL

Community Blood Center of Louisiana, Inc.
Baton Rouge, LA

Community General Hospital
Reading, PA

Community Hospital
Munster, IN

Community Hospital of Monterey Penin
Monterey, CA

Community Hospital of Roanoke Valley
Roanoke, VA

Cooleys Anemia Foundation
New York, NY

Coral Gables Hospital
Coral Gables, FL

Corry Memorial Hospital
Corry, PA

Corus Blood Services
Sunnyvale, CA

Corus Medical Corporation
Costa Mesa, CA

Cottage Hospital of Grosse Pointe
Grosse Fointe Farm, MI

Cutler Army Community Hospital
Ft. Devens, MA

Danbury Hospital
Danbury, CT

Daniel Freeman Memorial Hospital
Inglewood, CA

Davis Memorial Hospital
Elkins, WV

Diagnostic Lab Services, Inc.
Honolulu, HI

Doctors Community Hospital
Lanham, MD

Doctors Hospital
Coral Gables, FL

Doctors Hospital of Hollywood
Hollywood, FL

Doctors Memorial Hospital
Spartanburg, SC

Earl K. Long Memorial Hospital
Baton Rouge, LA

East Orange General Hospital
East Orange, NJ

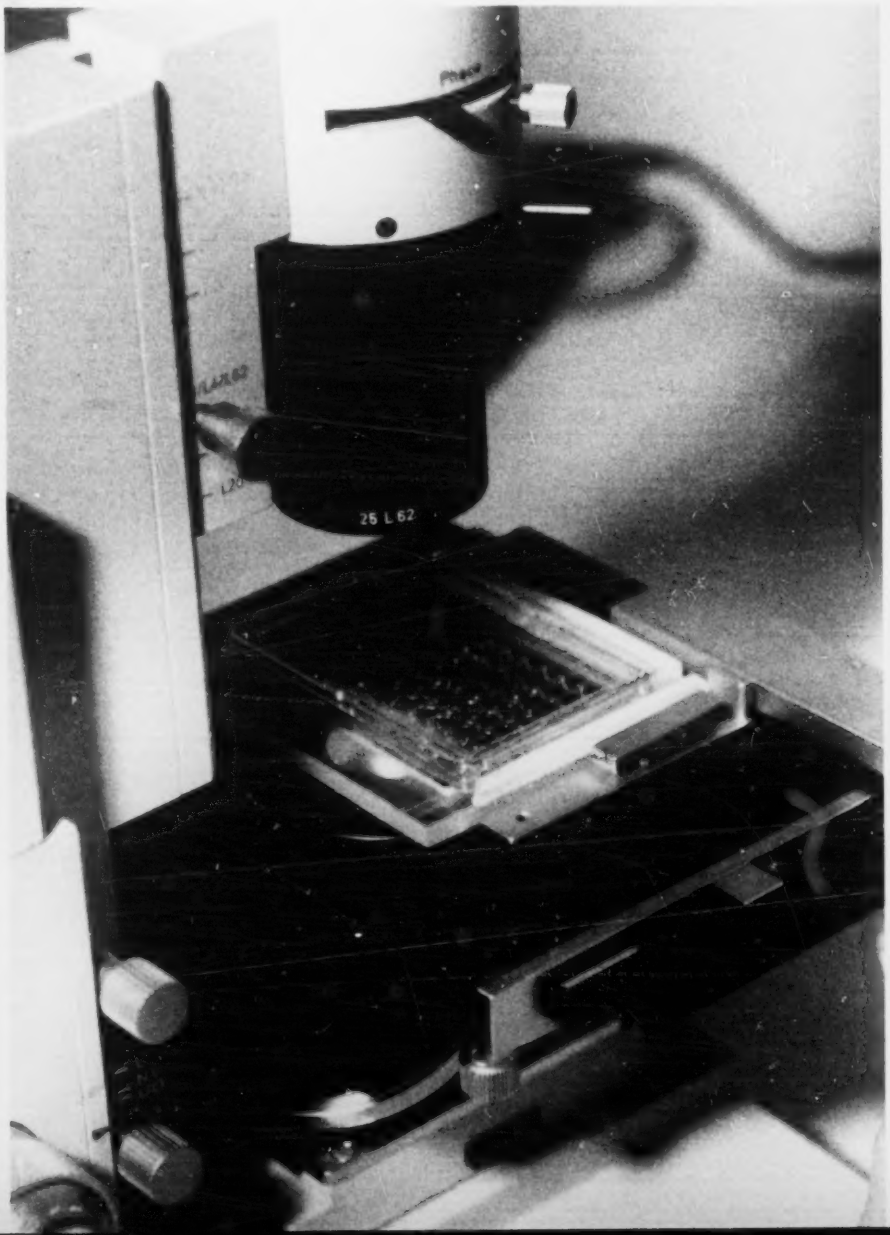
East Pointe Hospital
Lehigh Acres, FL

Edward H. White II Memorial Hospital
St. Petersburg, FL

Elliott White Springs Memorial Hospital
Lancaster, SC

Emanual Hospital
Portland, OR

Episcopal Hospital
Philadelphia, PA



Erlanger Medical Center
Chattanooga, TN
Erlanger North Hospital
Chattanooga, TN

Eskaton American River
Carmichael, CA

Fair Oaks Hospital
Fairfax, VA

Fairfax Hospital
Falls Church, VA

Ferguson Hospital
Grand Rapids, MI

Fishermens Hospital
Marathon, FL

Florida Georgia Blood Alliance
Jacksonville, FL

Floyd Memorial Hospital
New Albany, IN

Garden Park Community Hospital
Gulfport, MS

Gaston Memorial Hospital, Inc.
Gastonia, NC

George Washington University Hospital
Washington, DC

Georgia Baptist Medical Center
Atlanta, GA

Good Samaritan Hospital
Baltimore, MD

Good Samaritan Hospital
Lebanon, PA

Good Samaritan Hospital
West Islip, NY

Good Shepherd Medical Center
Longview, TX

Grady Memorial Hospital
Atlanta, GA

Grafton City Hospital
Grafton, WV

Greater Baltimore Medical Center
Baltimore, MD

Greenwood Leflore Hospital
Greenwood, MS

Gulf Area Regional Blood Bank, Inc.
Venice, FL

Hackensack Medical Center
Hackensack, NJ

Hahnemann University Hospital
Philadelphia, PA

Hamot Medical Center
Erie, PA

Harlem Hospital Center
New York, NY

Harper Hospitals
Detroit, MI

Harrington Memorial Hospital
Southbridge, MA

Hays Community Blood Bank
Hays, KS

HCA Medical Center of
Port Saint Lucie, FL

Health One Buffalo Hospital
Buffalo, MN

Hendersonville Community Hospital
Hendersonville, TN

Henrico Doctors Hospital
Richmond, VA

Henry Mayo Newhall Memorial Hospital
Valencia, CA

Henry South Medical Center
Birmingham, AL

Highland General Hospital
Oakland, CA

Highland Hospital of Rochester
Rochester, NY

Holland Community Hospital
Holland, MI

Holy Cross Hospital
Chicago, IL

Holy Cross Hospital of Silver Spring
Silver Spring, MD

Holy Family Hospital & Medical Center
Methuen, MA

Holy Family Memorial Medical Center
Manitowoc, WI

Holy Spirit Hospital
Camp Hill, PA

Holzer Medical Center
Gallipolis, OH

Hospital Center at Orange
Orange, NJ

Hospital de Damas
Ponce, PR

Houlton Regional Hospital
Houlton, ME

House of the Good Samaritan
Watertown, NY

Howard University Hospital
Washington, DC

Humana Hospital
Canoga Park, CA

Humana Hospital
Huntington Beach, CA

Humana Hospital
Kissimmee, FL

Humana Hospital
Miami, FL

Humana Hospital
Newnan, GA

Humana Hospital
Overland Park, KS

Humana Hospital
Plantation, FL

Humana Hospital
Richlands, VA

Hunterdon Medical Center
Flemington, NJ

Huntsville Hospital
Huntsville, AL

Hutcheson Medical Center
Ft. Oglethorpe, GA

Illinois Masonic Medical Center
Chicago, IL

Imperial Point Medical Center
Ft. Lauderdale, FL

Independence Regional Health Center
Independence, MO

Indian River Blood Bank
Vero Beach, FL

Indiana University Hospitals
Indianapolis, IN

Ingham Medical Center
Lansing, MI

Iowa Methodist Medical Center
Des Moines, IA

Irwin Army Hospital
Ft. Riley, KS

Jameson Memorial Hospital
New Castle, PA

Jefferson Park Hospital
Philadelphia, PA

Jersey City Medical Center
Jersey City, NJ

Jersey Shore Medical Center
Neptune, NJ

John F. Kennedy Memorial Hospital
Philadelphia, PA

John F. Kennedy Memorial Hospital
Stratford, NJ

John Hopkins Hospital
Baltimore, MD

Johnston Memorial Hospital
Abingdon, VA

Jordan Hospital
Plymouth, MA

Kaiser Foundation Hospital
Oakland, CA

Kaiser Foundation Hospital
Sacramento, CA

Kaiser Permanente Medical Center
Bellflower, CA

Kaiser Permanente Medical Center
Harbor City, CA

Kaiser Permanente Medical Center
Los Angeles, CA

Kaiser Permanente Medical Center
Panorama City, CA

Kaiser Permanente Medical Center
Redwood City, CA

Kaiser Permanente Medical Center
Walnut Creek, CA

Kenmore Mercy Hospital
Kenmore, NY

Kennedy Memorial Hospital
Cherry Hill, NJ

Kennedy Memorial Hospital
Turnerville, NJ

Kenner Army Community Hospital
Ft. Lee, VA

Kennestone Hospital
Marietta, GA

Kenneth Norris Jr. Cancer Hospital
Los Angeles, CA

Kent and Queen Annes Hospital
Chestertown, MD

Kent General Hospital
Dover, DE

Keystone Community Blood Bank
Reading, PA

Kings County Hospital Center
Brooklyn, NY

Kings Daughters Hospital
Ashland, KY

Kings Daughters Hospital
Staunton, VA

Kissimmee Memorial Hospital
Kissimmee, FL

LBJ Tropical Medical Center
Pago Pago, AS

Lab Services of Central General Hospital
Plainview, NY

Labette County Medical Center
Parsons, KS

Lake Charles Memorial Hospital
Lake Charles, LA

Lake City Medical Center
Lake City, FL

Lake Shore Hospital
Lake City, FL

Lake Wales Hospital
Lake Wales, FL

Lancaster Fairfield Community Hospital
Lancaster, OH

Lane Memorial Blood Bank
Eugene, OR

Lea Regional Hospital
Hobbs, NM

Lee Memorial Hospital
Ft. Myers, FL

Leesburg Regional Medical Center
Leesburg, FL

Lenox Hill Hospital
New York, NY

Lester E. Cox Medical Center - South
Springfield, MO

Lexington Medical Center
West Columbia, SC

Liberty Medical Center, Inc.
Baltimore, MD

Logan General Hospital
Logan, WV

Logan Regional Hospital
Logan, UT

Long Island Jewish-Hillside Medical Center
New Hyde Park, NY

Louisiana Blood Center
Shreveport, LA

Macomb Hospital Center
Warren, MI

Madigan Army Medical Center
Tacoma, WA

Malden Hospital
Malden, MA

Mansfield General Hospital
Mansfield, OH

Mary Immaculate Hospital
Newport News, VA

Maryview Hospital
Portsmouth, VA

Maxwell Blood Bank
Chicago, IL

Mayo Clinic
Rochester, MN

McCullough-Hyde Memorial Hospital
Oxford, OH

McKennan Hospital
Sioux Falls, SD

Meadowcrest Hospital
Gretna, LA

Medical Center East
Birmingham, AL

Medical Center of Central Georgia
Macon, GA

Medical Center of Delaware, Inc.
Newark, DE

Medical Center of Independence
Independence, MO

Medical Center of Houston County
Warner Robins, GA

Medical Center Hospital
Chillicothe, OH

Medical Center Hospital
Conroe, TX

Medical College of Virginia
Richmond, VA

Memorial Blood Center of Minneapolis
Minneapolis, MN

Memorial Hospital
Chattanooga, TN

Memorial Hospital for Cancer & Allied Diseases
New York, NY

Memorial Hospital of Jacksonville
Jacksonville, FL

Mercer County Joint Township Community Hospital
Coldwater, OH

Mercer Medical Center
Trenton, NJ

Mercy Hospital
Ft. Scott, KS

Mercy Hospital
Denver, CO

Mercy Medical Center
Springfield, OH

Mercy Medical Center
Coon Rapids, MN

Methodist Evangelical Hospital
Louisville, KY

Methodist Hospital
New Orleans, LA

Methodist Hospital of Indiana
Indianapolis, IN

Methodist Hospitals of Memphis
Memphis, TN

Methodist Hospital of Southern California
Arcadia, CA

Metropolitan Blood Center
New York, NY

Metropolitan Hospital
Grand Rapids, MI

Mid-Island Hospital
Bethpage, NY

Mid-Maine Medical Center
Waterville, ME

Milford-Whitinsville Regional Hospital
Milford, MA

Millcreek Community Hospital
Erie, PA

Milton Hospital
Milton, MA

Mississippi Valley Regional Blood Center
Davenport, IA

Monroe County Hospital
Monroeville, AL

Montgomery County Hospital
Blacksburg, VA

Mount Carmel Medical Center
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Cleveland, OH

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Munising, MI

Munson Medical Center
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Muscatine, IA

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Nashua, NH

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Manchester, NH

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New Rochelle, NY

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Newark, NJ

Newcomb Medical Center
Vineland, NJ

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Philadelphia, PA

Norfolk Community Hospital
Norfolk, VA

North Arundel Hospital
Glen Burnie, MD

North Pennsylvania Hospital
Lansdale, PA

North Philadelphia Health Systems
Philadelphia, PA

North Side Hospital Laboratory
Johnson City, TN

Northeast Baptist Hospital
San Antonio, TX

Northeast Georgia Medical Center
Gainesville, GA

Northside Hospital
Atlanta, GA

Northwest Florida Blood Center
Pensacola, FL

Norwalk Hospital
Norwalk, CT

Nueces County Medical Society
Community Blood Bank
Corpus Christi, TX

Opelousas General Hospital
Opelousas, LA

Oregon Medical Laboratories
Eugene, OR

Otsego Memorial Hospital
Gaylord, MI

Owensboro Daviess County Hospital
Owensboro, KY

Palisades General Hospital
North Bergen, NJ

Palmetto General Hospital
Hialeah, FL

Palms West Hospital
Loxahatchee, FL

Peninsula General Hospital Medical Center
Salisbury, MD

Peninsula Memorial Blood Bank
Burlingame, CA

Pennsylvania Hospital
Philadelphia, PA

Permanente Medical Group
S. San Francisco, CA

Philadelphia College of Osteopathic Medicine
Philadelphia, PA

Pleasant Valley Hospital
Point Pleasant, WV

Polk General Hospital
Bartow, FL

Portland Adventist Medical Center
Portland, OR

Potomac Hospital
Woodbridge, VA

Pottstown Memorial Medical Center
Pottstown, PA

Pottsville Hospital & Warner Clinic
Pottsville, PA

Poudre Valley Hospital
Ft. Collins, CO

Presbyterian Medical Center of Philadelphia
Philadelphia, PA

Providence Medical Center
Portland, OR

Putnam General Hospital
Hurricane, WV

Rancocas Valley Hospital
Willingboro, NJ

Rappahannock General Hospital
Kilmarnock, VA

Rhode Island Medical Center General Hospital
Cranston, RI

Richland Memorial Hospital
Columbia, SC

Richmond Metropolitan Blood Services, Inc.
Richmond, VA

Riverside Hospital
Newport News, VA

Riverview Hospital
Noblesville, IN

Robert Packer Hospital
Sayre, PA

Robert Thompson Strategic Hospital
Carswell AFB, TX

Rogue Valley Medical Center
Medford, OR

Roper Hospital
Charleston, SC

Rumford Community Hospital
Rumford, ME

Rush Medical Group
Meridian, MS

Rush Memorial Hospital
Rushville, IN

Sacred Heart Hospital
Cumberland, MD

Sacred Heart Medical Center
Chester, PA

Saf/eblood, Inc.
Atlanta, GA

Santa Barbara Cottage Hospital
Santa Barbara, CA

Santa Teresa Community Hospital
San Jose, CA

Second General Hospital
APO New York, NY

Shadyside Hospital
Pittsburgh, PA

Shore Memorial Hospital
Somers Point, NJ

Sierra Medical Center
El Paso, TX

Sioux Valley Hospital
Sioux Falls, SD

Slidell Memorial Hospital
Slidell, LA

South Bend Medical Foundation
South Bend, IN

South Community Hospital
Oklahoma City, OK

South Florida Baptist Hospital
Plant City, FL

South Hills Health Systems
Pittsburgh, PA

South Shore Hospital
South Weymouth, MA

Southern California Permanente Medical Group
San Diego, CA

Southwest Community Hospital
Atlanta, GA

Southwest General Hospital
San Antonio, TX

Southwest Florida Regional Medical Center
Ft. Myers, FL

Spartanburg Blood Bank, Inc.
Spartanburg, SC

Spring Branch Memorial Hospital
Houston, TX

St. Agnes Hospital
White Plains, NY

St. Agnes Medical Center
Fresno, CA

St. Anns Hospital
Westerville, OH

St. Anthony Regional Hospital
Carroll, IA

St. Anthony Hospital Systems
Denver, CO

St. Anthonys Hospital
St. Petersburg, FL

St. Anthonys Medical Center
Crown Point, IN

St. Barnabas Hospital
Bronx, NY

St. Bernard Hospital
Chicago, IL

St. Catherine Hospital
Garden City, KS

St. Christophers Children's Hospital
Philadelphia, PA

St. Cloud Hospital
St. Cloud, MN

St. Elizabeth Hospital
Hannibal, MO

St. Frances Cabrini Hospital
Alexandria, LA

St. Frances X. Cabrini Hospital
Chicago, IL

St. Francis Hospital
Hartford, CT

St. Francis Hospital
Miami Beach, FL

St. Francis Medical Center
La Crosse, WI

St. Francis Medical Center
Lynwood, CA

St. Francis Hospital
Wichita, KS

St. James Hospital
Chicago Heights, IL

St. Johns Hospital
Lowell, MA

St. Johns Northeast Community Hospital
Maplewood, MN

St. Johns Riverside Hospital
Yonkers, NY

St. Joseph Hospital
Albuquerque, NM

St. Joseph Hospital
Augusta, GA

St. Joseph Hospital
Elgin, IL

St. Joseph Hospital
Houston, TX

St. Joseph Hospital
Mitchell, SD

St. Joseph Hospital
Stamford, CT

St. Joseph Hospital
Tacoma, WA

St. Joseph Hospital & Health Care
Lancaster, PA

St. Joseph Medical Center
Wichita, KS

St. Joseph Intercommunity Hospital
Cheektowaga, NY

St. Josephs Hospital
Buckhannon, WV

St. Josephs Hospital
Huntingburg, IN

St. Josephs Hospital
Philadelphia, PA

St. Josephs Hospital
Stockton, CA

St. Josephs Hospital & Medical Center
Paterson, NJ

St. Jude Childrens Research Hospital
Memphis, TN

St. Luke Hospital Laboratory
Pasadena, CA

St. Mary Hospital
Langhorne, PA

St. Marys Health Center
Jefferson City, MO

St. Marys Hospital
Pierre, SD

St. Marys Hospital
Saginaw, MI

St. Marys Hospital & Health Center
Tucson, AZ

St. Marys Hospital of Brooklyn
Brooklyn, NY

St. Michaels Medical Center
Newark, NJ

St. Vincent Health Center
Erie, PA

St. Vincent Hospital Blood Bank
Worcester, MA

St. Vincent Hospital & Medical Center
Portland, OR

St. Vincent Hospital & Medical Center
Toledo, OH

St. Vincent Medical Center
Los Angeles, CA

Stewart Blood Center, Inc.
Tyler, TX

Stonewall Jackson Hospital
Lexington, VA

Sturdy Memorial Hospital
Attleboro, MA

Sumter Regional Hospital
Americus, GA

Sutter Memorial Hospital
Sacramento, CA

Suwannee County Hospital
Live Oak, FL

Sylvan N. Goldman Center
Oklahoma City, OK

Tacoma-Pierce County Blood Bank, Inc.
Tacoma, WA

Tarrant County Hospital
Ft. Worth, TX

Taylor Hospital
Ridley, PA

Terrebonne General Medical Center
Houma, LA

Texoma Regional Blood Center
Sherman, TX

The Brigham & Womens Hospital
Boston, MA

The Christ Hospital
Cincinnati, OH

The Faxton-Childrens Hospital
Utica, NY

The Lankenau Hospital
Wynnewood, PA

The Methodist Hospital
Houston, TX

The Mid-Missouri Red Cross
Columbia, MO

The New York Hospital
New York, NY

The Uniontown Hospital
Uniontown, PA

Thibodaux Hospital & Health Centers
Thibodaux, LA

Tift General Hospital
Tifton, GA

Toledo Hospital
Toledo, OH

Trumbull Memorial Hospital
Warren, OH

United Hospital
Port Chester, NY

Unity Hospital
Fridley, MN

University Hospital
New York, NY

University of California Medical Center
San Diego, CA

University of Chicago
Chicago, IL

University of Illinois Hospital
Chicago, IL

University of Kentucky Medical Center Hospital
Lexington, KY

University of Nebraska Hospital
Omaha, NE

US Army Bayne-Jones Community Hospital
Ft. Polk, LA

US Army Fitzsimons Medical Center
Denver, CO

US Army General Leonard Wood Hospital
Ft. Leonard Wood, MO

US Army Hawley Community Hospital
Ft. Harrison, IN

US Army Letterman Medical Center
San Francisco, CA

US Army McDonald Community Hospital
Ft. Eustis, VA

US Army Tripler Medical Center
Honolulu, HI

US Naval Hospital
Bremerton, WA

US Naval Hospital
FPO Seattle, WA

US Naval Hospital
Great Lakes, IL

US Naval Hospital
Jacksonville, FL

US Naval Hospital
Newport, RI

US Naval Hospital
Oceanside, CA

USAF Academy Hospital
USAF Academy, CO

USAF David Grant Medical Center
Travis AFB, CA

USAF Hospital
APO New York, NY

USAF Hospital
Cannon AFB, NM

USAF Hospital
Chanute AFB, IL

USAF Hospital
Homestead AFB, FL

USAF Hospital
Robins AFB, GA

USAF Medical Center
Scott AFB, IL

VA James A. Haley Hospital
Tampa, FL

VA John Cochran Medical Center
St. Louis, MO

VA Lakeside Medical Center
Chicago, IL

VA Medical Center
Alexandria, LA

VA Medical Center
Allen Park, MI

VA Medical Center
Dayton, OH

VA Medical Center
East Orange, NJ

VA Medical Center
Martinez, CA

VA Medical Center
Oteen, NC

VA Medical Center
Palo Alto, CA

VA Medical Center
San Juan, PR

VA Medical Center
Shreveport, LA

VA Medical Center
West Haven, CT

Valley Presbyterian Hospital
Van Nuys, CA

Verdugo Hills Hospital
Glendale, CA

Victory Memorial Hospital
Brooklyn, NY

W.O. Boswell Memorial Hospital
Sun City, AZ

Wadley Research Institute
Dallas, TX

Walker Regiona: Medical Center, Inc.
Jasper, AL

Walson Army Community Hospital
Ft. Dix, NJ

Warren General Hospital
Warren, PA

Watauga County Hospital
Boone, NC

Waterbury Hospital Health Center
Waterbury, CT

Wayne General Hospital
Wayne, NJ

West Allis Memorial Hospital
West Allis, WI

West Hudson Hospital
Kearny, NJ

West Virginia University Hospital
Morgantown, WV

Wheeling Hospital
Wheeling, WV

William Beaumont Hospital
Royal Oak, MI

Williamsburg Community Hospital
Williamsburg, VA

Wilson Memorial Hospital
Wilson, NC

Winchester Medical Center
Winchester, VA

William J. Bryan Dorn Veterans Hospital
Columbia, SC

Worcester Memorial Hospital
Worcester, MA

Worthington Regional Hospital
Worthington, MN

Yukon-Kuskokwim Delta Services Unit Hospital
Bethel, AK

Zurbrugg Memorial Hospital
Riverside, NJ

INSTITUTIONAL SUSTAINING MEMBERS—FOREIGN

Blood Services Foundation
Taipei, Republic of China

Dhahran Health Center
Dhahran, Saudi Arabia

Fondation Centre Nationale
Les Ulis, France

Melbourne Pathology Services
Collingwood, Australia

Regional Red Cross Blood Bank
Groningen, The Netherlands

The Grace Womens Hospital
Calgary, Canada

American Association of Blood Banks
8101 Glenbrook Road
Bethesda, MD 20814-2749
(301)907-6977

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